苏州市吴中区吴中大道尚金湾科技园B5楼
邮编：215104
电话：0512-69552409 0512-69552906

LZP Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11447a-400

Specification

LZP Antibody - Product info

Application	WB
Primary Accession	Q8WWZ8
Other Accession	NP_689848.1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Clone Names	RB14746

LZP Antibody - Additional info

Other Names
Oncoprotein-induced transcript 3 protein, Liver-specific zona pellucida domain-containing protein, OIT3, LZP

Target/Specificity
This OIT3 antibody is generated from rabbits immunized with a Gst fusion protein from human OIT3.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
LZP Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

LZP Antibody - Protein Information

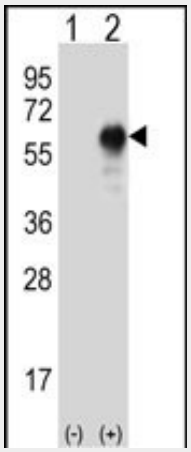
Name OIT3

Synonyms LZP

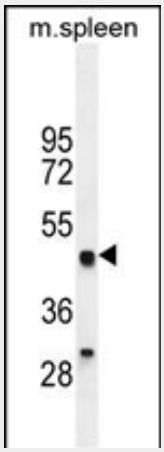
Function
May be involved in hepatocellular function and development.

Cellular Location
Nucleus envelope. Note=Can be secreted into blood

Tissue Location
Liver-specific. Expressed only in the hepatocytes.



Western blot analysis of LZP (arrow) using rabbit polyclonal LZP Antibody (Cat. #AP11447a). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the LZP gene.



LZP Antibody (Cat. #AP11447a) western blot analysis in mouse spleen tissue lysates (35ug/lane).This demonstrates the LZP antibody detected the LZP protein (arrow).

Down-regulated in hepatocellular carcinoma (HCC) and HCC cell lines. EMBL; AY013707; AAG40096.2; -; mRNA EMBL; AY358339; AAQ88705.1; -; mRNA EMBL; AK096435; BAC04788.1; -; mRNA EMBL; BC126440; AAI26441.1; -; mRNA CCDS; CCDS7318.1; -. [Q8WWZ8-1] RefSeq; NP_689848.1; NM_152635.2. [Q8WWZ8-1] UniGene; Hs.8366; - ProteinModelPortal; Q8WWZ8; - SMR; Q8WWZ8; - BioGrid; 128002; 1 IntAct; Q8WWZ8; 10 GlyConnect; 1964; - iPTMnet; Q8WWZ8; - PhosphoSitePlus; Q8WWZ8; - BioMuta; OIT3; - DMDM; 74730985; - PaxDb; Q8WWZ8; - PeptideAtlas; Q8WWZ8; - PRIDE; Q8WWZ8; - ProteomicsDB; 74973; - ProteomicsDB; 74974; -. [Q8WWZ8-2] DNASU; 170392; - Ensembl; ENST00000334011; ENSP00000333900; ENSG00000138315. [Q8WWZ8-1] Ensembl; ENST00000622652; ENSP00000479787; ENSG00000138315. [Q8WWZ8-2] GeneID; 170392; - KEGG; hsa:170392; - UCSC; uc001jte.2; human. [Q8WWZ8-1] CTD; 170392; - DisGeNET; 170392; - EuPathDB; HostDB:ENSG00000138315.12; - GeneCards; OIT3; - HGNC; HGNC:29953; OIT3 MIM; 609330; gene neXtProt; NX_Q8WWZ8; - OpenTargets; ENSG00000138315; - PharmGKB; PA142671231; - eggNOG; ENOG410IHDE; Eukaryota eggNOG; ENOG4110JPJ; LUCA GeneTree; ENSGT00940000157851; - HOGENOM; HOG000115262; - HOVERGEN; HBG097756; - InParanoid; Q8WWZ8; - OMA; IMSRNHG; - OrthoDB; 319810at2759; - PhylomeDB; Q8WWZ8; - TreeFam; TF330284; - ChiTaRS; OIT3; human GenomeRNAi; 170392; - PRO; PR:Q8WWZ8; - Proteomes; UP000005640; Chromosome 10 Bgee; ENSG00000138315; Expressed in 41 organ(s), highest expression level in liver Genevisible; Q8WWZ8; HS GO; GO:0005635; C:nuclear envelope; IEA:UniProtKB-SubCell GO; GO:0005509; F:calcium ion binding; IEA:InterPro GO; GO:1903118; P:urate homeostasis; IEA:Ensembl InterPro; IPR001881; EGF-like_Ca-bd_dom InterPro; IPR000742; EGF-like_dom InterPro; IPR000152; EGF-type_Asp/Asn_hydroxyl_site InterPro; IPR018097; EGF_Ca-bd_CS InterPro; IPR001507; ZP_dom Pfam; PF00100; Zona_pellucida; 1 PRINTS; PR00023; ZPELLUCIDA SMART; SM00181; EGF; 3 SMART; SM00179; EGF_CA; 2 SMART; SM00241; ZP; 1 PROSITE; PS00010; ASX_HYDROXYL; 1 PROSITE; PS01187; EGF_CA; 1 PROSITE; PS51034; ZP_2; 1 1: Evidence at protein level; Alternative splicing; Calcium; Complete proteome; Disulfide bond; EGF-like domain; Glycoprotein; Nucleus; Polymorphism; Reference proteome; Signal SIGNAL 1 22 CHAIN 23 545 Oncoprotein-induced transcript 3 protein /FTId=PRO_0000298931 DOMAIN 182 222 EGF-like; calcium-binding. DOMAIN 261 516 ZP. {ECO:0000255|PROSITE-ProRule:PRU00375} CARBOHYD 89 89 N-linked (GlcNAc...) asparagine CARBOHYD 116 116 N-linked (GlcNAc...) asparagine CARBOHYD 291 291 N-linked (GlcNAc...) asparagine CARBOHYD 299 299 N-linked (GlcNAc...) asparagine DISULFID 186 197 DISULFID 193 206 DISULFID 208 221 VAR_SEQ 318 321 VVND -> LCFR (in isoform 2) /FTId=VSP_027482 VAR_SEQ 322 545 Missing (in isoform 2) /FTId=VSP_027483 VARIANT 237 237 S -> P (in dbSNP:rs35089256) /FTId=VAR_034742 SEQUENCE 545 AA; 60022 MW; E4BDE126213484B0 CRC64; MPPFLLLTCL FITGTSVSPV ALDPCSAYIS LNEPWRNTDH QLDESQGPPL CDNHVNGEWY HFTGMAGDAM PTFCIPENHC GTHAPVWLNG SHPLEGDGIV QRQACASFNG NCCLWNTTVE VKACPGGYYV YRLTKPSVCF HVYCGHFYDI CDEDCHGSCS DTSECTCAPG TVLGPDRQTC FDENECEQNN GGCSEICVNL KNSYRCECGV GRVLRSDGKT CEDVEGCHNN NGGCSHSCLG SEKGYQCECP RGLVLSEDNH TCQVPVLCKS NAIEVNIPRE LVGGLELFLT NTSCRGVSNG THVNILFSLK TCGTVVDVVN DKIVASNLVT GLPKQTPGSS GDFIIRTSKL LIPVTCEFPR LYTISEGYVP NLRNSPLEIM SRNHGIFPFT LEIFKDNEFE EPYREALPTL KLRDSLYFGI EPVVHVSGLE SLVESCFATP TSKIDEVLKY YLIRDGCVSD DSVKQYTSRD HLAKHFQVPV FKFVGKDHKE VFLHCRVLVC GVLDERSRCA QGCHRRMRRG AGGEDSAGLQ GQTLTGGPIR IDWED

LZP Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

LZP Antibody - Background

May be involved in hepatocellular function and development.

LZP Antibody - References

Shen, H.L., et al. Mol. Cell. Biochem. 321 (1-2), 73-83 (2009) : Yang, H., et al. FEBS Lett. 578(3):236-238(2004) Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003) Xu, Z.G., et al. Hepatology 38(3):735-744(2003)