

Rabbit anti-Human MPZL1 Polyclonal Antibody | anti-MPZL1 antibody

MPZL1 Antibody

CATALOG # AAA232587	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, ELISA
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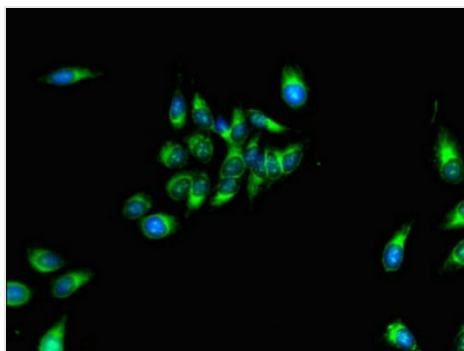
PRODUCT SYNONYMS

MPZL1; Polyclonal Antibody; MPZL1 Antibody; Myelin protein zero-like protein 1 (Protein zero-related); PZR; anti-MPZL1 antibody

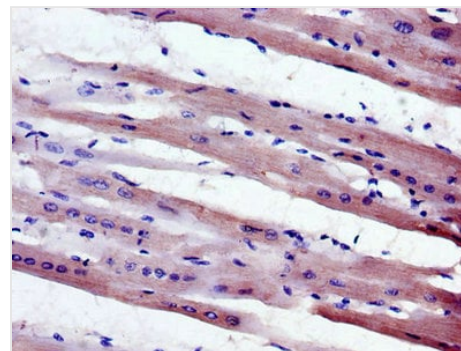
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Applicable Applications for anti-MPZL1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Myelin protein zero-like protein 1 protein (195-258AA)
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Species	Human
Research Area	Signal Transduction
Target Names	MPZL1
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-160539
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES


IF (Immunofluorescence)

Immunofluorescent analysis of Hela cells using AAA232587 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human heart tissue using AAA232587 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-MPZL1 antibody	Cell surface receptor, which is involved in signal transduction processes. Recruits PTPN11/SHP-2 to the cell membrane and is a putative substrate of PTPN11/SHP-2. Is a major receptor for concanavalin-A (ConA) and is involved in cellular signaling induced by ConA, which probably includes Src family tyrosine-protein kinases. Isoform 3 seems to have a dominant negative role; it blocks tyrosine phosphorylation of MPZL1 induced by ConA. Isoform 1, but not isoform 2 and isoform 3, may be involved in regulation of integrin-mediated cell motility.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	226054871
NCBI GeneID	9019
NCBI Accession #	NP_001139663.1
NCBI GenBank Nucleotide #	NM_001146191.1
UniProt Accession #	O95297; Q5R332; Q8IX11; Q9BWZ3; Q9NYK4; Q9UL20; B2REB9; B2RECO
NCBI Official Full Name	myelin protein zero-like protein 1 isoform c
NCBI Official Synonym Full Names	myelin protein zero like 1
NCBI Official Symbol	MPZL1
NCBI Official Synonym Symbols	PZR; PZR _a ; PZR _b ; PZR1b; MPZL1b
NCBI Protein Information	myelin protein zero-like protein 1
UniProt Protein Name	Myelin protein zero-like protein 1
UniProt Gene Name	MPZL1
UniProt Synonym Gene Names	PZR
UniProt Entry Name	MPZL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.