

Anti-APLP1 antibody (285-490) (STJ28950)

STJ28950

GENERAL INFORMATION

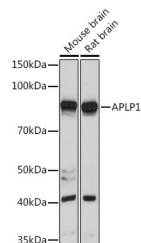
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

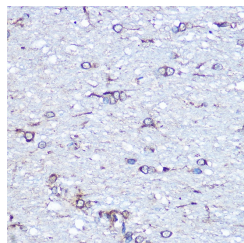
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:2000
Range	IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

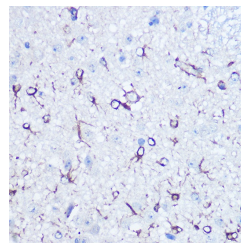
Gene ID	333
Gene Symbol	APLP1
Uniprot ID	APLP1_HUMAN
Immunogen	
Immunogen Region	285-490
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 285-490 of human APLP1 (NP_005157.1).
Immunogen Sequence	TPTPRPTDGVDIYFGMPGEI SEHEGFLRAKMDLEERRMRQ INEVMREWAMADNQSKNLPK ADRQALNEHFQSILQTLEEQ VSGERQRLVETHATRVIALI NDQRRAALEGFLAALQADPP QAERVLLALRRYLRAEQKEQ RHTLRHYQHVAVDPEKAQQ MRFOVHTHLQVIEERVNQSL GLLDQNPFLAQELRPQIQEL LHSEHL



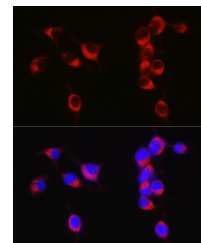
Western blot analysis of extracts of various cell lines, using APLP1 rabbit polyclonal antibody (STJ28950) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJ500856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded rat brain using APLP1 rabbit polyclonal antibody (STJ28950) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse brain using APLP1 rabbit polyclonal antibody (STJ28950) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Immunofluorescence analysis of Neuro-2a cells using APLP1 rabbit polyclonal antibody (STJ28950) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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