

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

GENERAL INFORMATION

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

PRODUCT PROPERTIES

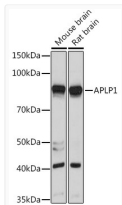
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 72kDa Observed Mw: 72kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

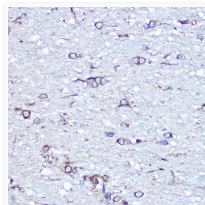
Gene ID	333
Gene Symbol	APLP1
UniProt ID	APLP1_HUMAN
Immunogen Region	285-490
Immunogen Sequence	TPTPRPTDGVDIYFGMPGEI SEHEGFLRAKMDLEERRMRQ INEVMREWAMADNQSKNLPK ADRQALNEHFQSIQLTLEEQ VSGERQRLVETHATRVIALI NDQRRAALEGFLAALQADPP QAERVLLALRRYLRAEQKEQ RHTLRHVYQHVAAVDPEKAQQ MRFQVHHTLQVIEERVNQSL GLLDQNPFLAQLRPIQIQL LHSEHL
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 285-490 of human APLP1 (NP_005157.1).

ADDITIONAL INFORMATION

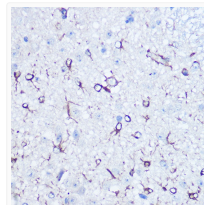
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



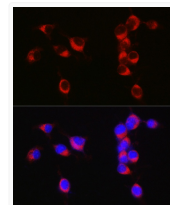
Western blot analysis of extracts of various cell lines, using APLP1 rabbit polyclonal antibody (STJ28950) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



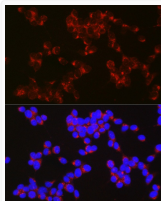
Immunohistochemistry analysis of paraffin-embedded rat brain using APLP1 rabbit polyclonal antibody (STJ28950) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



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.



Immunofluorescence analysis of SH-SY5Y cells using APLP1 rabbit polyclonal antibody (STJ28950) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.