

Datasheet for ABIN1532122
anti-APLP2 antibody (pTyr755)



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1 Image

Overview

Quantity:	100 µL
Target:	APLP2
Binding Specificity:	AA 714-763, pTyr755
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APLP2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human APLP2 around the phosphorylation site of Tyr755.
Isotype:	IgG
Specificity:	APLP2 (Phospho-Tyr755) Antibody detects endogenous levels of APLP2 only when phosphorylated at Tyr755. PhosphorylationH:Y755 M:Y687 R:Y757
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

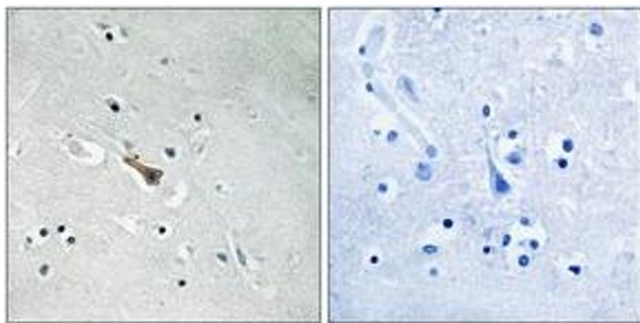
Target:	APLP2
Alternative Name:	APLP2 (APLP2 Products)
Background:	Synonyms: Amyloid protein homolog, Amyloid-like protein 2 precursor, APLP2, APP2, APPH, APPL2, CDEBP, CDEI-box binding protein NCBI Gene Symbol: APLP2
Molecular Weight:	86 kDa
Gene ID:	334
OMIM:	104776
UniProt:	Q06481
Pathways:	EGFR Signaling Pathway , Transition Metal Ion Homeostasis , Feeding Behaviour

Application Details

Application Notes:	IHC: 1:50~1:100 ELISA: 1:20000
Comment:	Unigene-Number: Hs.709184 (NCBI Gene Symbol: APLP2)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human brain, using APLP2 (Phospho-Tyr755) Antibody. The picture on the right is treated with the synthesized peptide.