

APLP2 (Phospho Tyr755) Rabbit pAb

CatalogNo: YP1079

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- IHC, IF, ELISA

MW

- 87kD (Calculated)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

IHC 1:100-1:300

ELISA 1:20000

IF 1:50-200

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human APLP2 around the phosphorylation site of Tyr755. AA range: 714-763

Specificity Phospho-APLP2 (Y755) Polyclonal Antibody detects endogenous levels of APLP2 protein only when phosphorylated at Y755. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites): PTyKY

Target Information

Gene name APLP2

Protein Name Amyloid-like protein 2

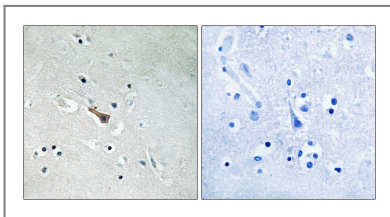
Organism	Gene ID	UniProt ID
Human	334 ;	Q06481 ;
Mouse	11804 ;	Q06335 ;
Rat		P15943 ;

Cellular Localization Cell membrane ; Single-pass type I membrane protein . Nucleus .

Tissue specificity Expressed in placenta, brain, heart, lung, liver, kidney and endothelial tissues.

Function Alternative products:Additional isoforms seem to exist,Function:May play a role in the regulation of hemostasis. The soluble form may have inhibitory properties towards coagulation factors. May interact with cellular G-protein signaling pathways. May bind to the DNA 5'-GTCACATG-3'(CDEI box). Inhibits trypsin, chymotrypsin, plasmin, factor XIA and plasma and glandular kallikrein.,PTM:The BPTI/Kunitz inhibitor domain is O-glycosylated.,similarity:Belongs to the APP family.,similarity:Contains 1 BPTI/Kunitz inhibitor domain.,subunit:Interacts with CPEB1.,tissue specificity:In placenta, brain, heart, lung, liver, kidney and endothelial tissues.,

Validation Data



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

Contact information

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