

Datasheet for ABIN1417099

anti-APLP2 antibody (AA 501-600) (Cy5.5)



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Overview

Quantity:	100 µL
Target:	APLP2
Binding Specificity:	AA 501-600
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APLP2 antibody is conjugated to Cy5.5
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human APLP2
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Pig,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	APLP2
Alternative Name:	APLP2 (APLP2 Products)
Background:	Synonyms: amyloid beta A4 precursor like protein 2, Amyloid like protein 2, amyloid precursor

Target Details

protein homolog HSD2, Amyloid protein homolog, Amyloid-like protein 2, APLP-2, Aplp2, APLP2_HUMAN, APPH, APPL2, CDEBP, CDEI box binding protein, CDEI box-binding protein.

Background: APLP2 is a human sperm membrane protein which contains a segment with high homology to the transmembrane-cytoplasmic domains of APP found in brain plaques of Alzheimer disease patients. The human amyloid precursor-like protein APLP2 is a highly conserved homolog of a sequence-specific DNA-binding mouse protein with an important function in the cell cycle. The gene which encodes APLP2 maps to human chromosome 11q24. 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.

Gene ID: 334

Pathways: [EGFR Signaling Pathway](#), [Transition Metal Ion Homeostasis](#), [Feeding Behaviour](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months