



APLP-1 Polyclonal Antibody

Catalog No	BYab-12849
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;IHC;IF;ELISA
Gene Name	APLP1
Protein Name	Amyloid-like protein 1
Immunogen	Synthesized peptide derived from APLP-1 . at AA range: 360-440
Specificity	APLP-1 Polyclonal Antibody detects endogenous levels of APLP-1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	APLP1; Amyloid-like protein 1; APLP; APLP-1
Observed Band	72kD
Cell Pathway	Cell membrane; Single-pass type I membrane protein.; [C30]: Cytoplasm. C-terminally processed in the Golgi complex.
Tissue Specificity	Expressed in the cerebral cortex where it is localized to the postsynaptic density (PSD).
Function	domain:The NPXY sequence motif found in many tyrosine-phosphorylated proteins is required for the specific binding of the PID domain. However, additional amino acids either N- or C-terminal to the NPXY motif are often required for complete interaction. The NPXY site is also involved in clathrin-mediated endocytosis.,function:May play a role in postsynaptic function. The C-terminal gamma-secretase processed fragment, ALID1, activates transcription activation through APBB1 (Fe65) binding (By similarity). Couples to JIP signal transduction through C-terminal binding. May interact with cellular G-protein signaling pathways. Can regulate neurite outgrowth through binding to components of the extracellular matrix such as heparin and collagen I.,function:The gamma-CTF peptide, C30, is a potent enhancer of neuronal apoptosis.,miscellaneous:Binds

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zinc and copper in the extracellular domain. Zinc-

Background

This gene encodes a member of the highly conserved amyloid precursor protein gene family. The encoded protein is a membrane-associated glycoprotein that is cleaved by secretases in a manner similar to amyloid beta A4 precursor protein cleavage. This cleavage liberates an intracellular cytoplasmic fragment that may act as a transcriptional activator. The encoded protein may also play a role in synaptic maturation during cortical development. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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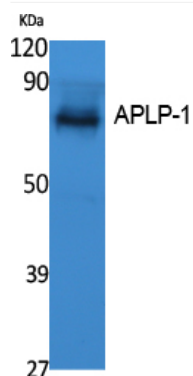
网址: www.njbybio.com

官方热线: 025-5229-8998

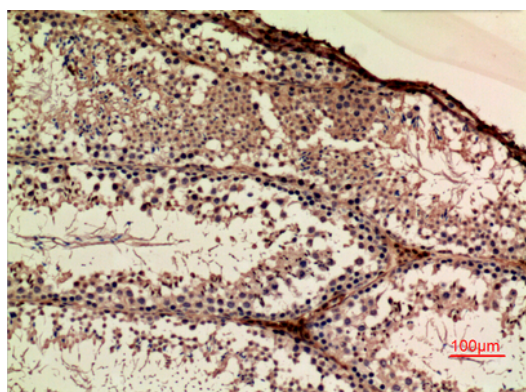
监督电话: 15950492658



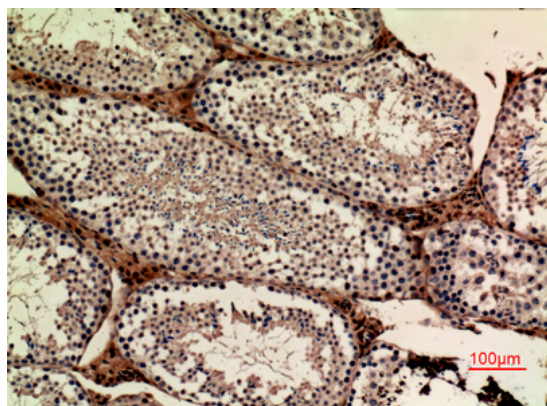
Products Images



Western Blot analysis of extracts from K562 cells, using APLP-1 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded mouse-ovary, antibody was diluted at 1:100



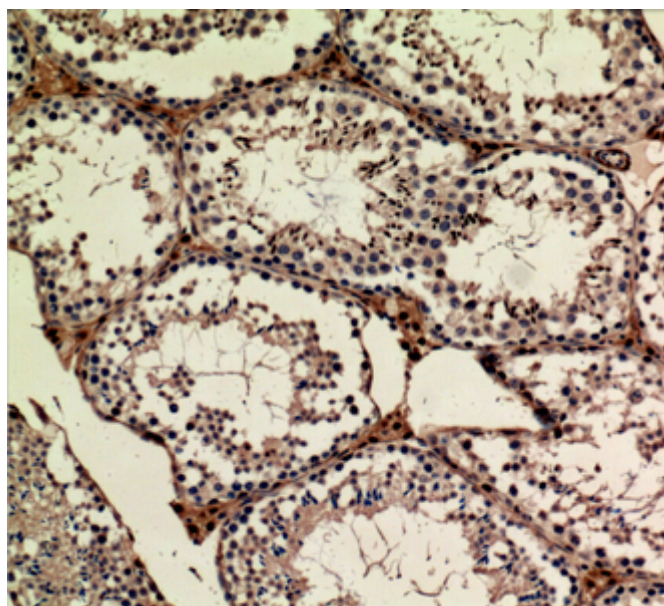
Immunohistochemical analysis of paraffin-embedded mouse-ovary, antibody was diluted at 1:100

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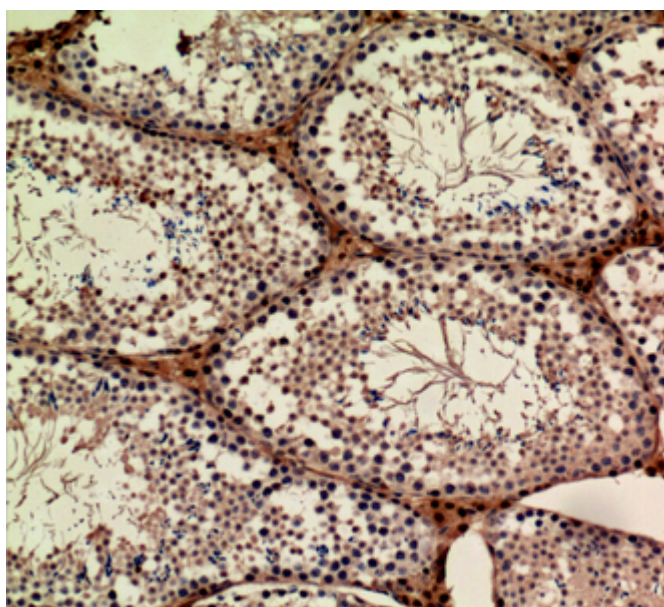
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