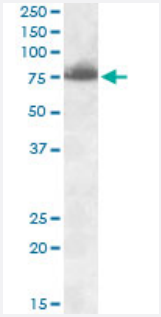
DLL1 polyclonal antibody

Catalog # PAB12816 Size 100 ug

Applications



Western Blot (Tissue lysate)

DLL1 polyclonal antibody (Cat # PAB12816) (0.3 ug/mL) staining of rat heart lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of DLL1.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human DLL1.
Sequence	C-ATQRHLTVGEEWSQD
Host	Goat
Theoretical MW (kDa)	78
Reactivity	Mouse, Rat
Specificity	75 KDa band observed in Mouse Heart and Rat Heart lysates (calculated MW of 78.1 KDa according to human NP_005609.3, 78.5K Da according to Mouse NP_031891.2 and 77.4 KDa according to Rat NP_114452.1). Recommended concentration: 0.3-1 ug/ml.
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL

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Recommend Usage	ELISA (1:16000) Western blot (0.3-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Tissue lysate)

  DLL1 polyclonal antibody (Cat # PAB12816) (0.3 ug/mL) staining of rat heart lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Gene Info — DLL1

Entrez GeneID	28514
Protein Accession#	NP_005609.3
Gene Name	DLL1
Gene Alias	DELTA1, DL1, Delta
Gene Description	delta-like 1 (Drosophila)
Omim ID	606582
Gene Ontology	Hyperlink
Gene Summary	DLL1 is a human homolog of the Notch Delta ligand and is a member of the delta/serrate/jagged f amily. It plays a role in mediating cell fate decisions during hematopoiesis. It may play a role in cel l-to-cell communication. [provided by RefSeq
Other Designations	OTTHUMP00000017690|delta-like 1|delta-like 1 protein

Publication Reference

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- Decreased Satellite Cell Number and Function in Humans and Mice With Type 1 Diabetes Mellitus is the Result of Altered Notch Signaling.

  D'Souza DM, Zhou S, Rebalka IA, MacDonald B, Moradi J, Krause MP, Al-Sajee D, Punthakee Z, Tarnopolsky MA, Hawke TJ.

  Diabetes 2016 Jun; 65(10):3053.

  Application: WB-Ti, Mouse, Whole muscle skeletal muscle lysate

- MicroRNA regulation of cell lineages in mouse and human embryonic stem cells.

  Ivey KN, Muth A, Arnold J, King FW, Yeh RF, Fish JE, Hsiao EC, Schwartz RJ, Conklin BR, Bernstein HS, Srivastava D.

  Cell Stem Cell 2008 Mar; 2(3):219.

  Application: IF, Mouse, Mouse embryonic stem cells

Pathway

- Notch signaling pathway

Disease

- Alzheimer disease

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