

Rabbit anti-Human DLL4 Polyclonal Antibody | anti-DLL4 antibody

DLL4 Antibody (C-term)

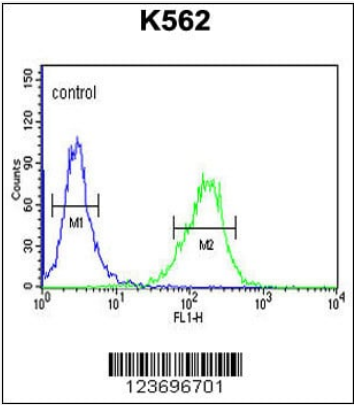
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289798	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

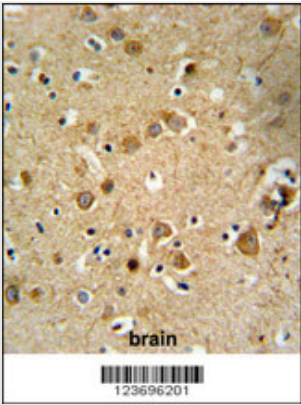
DLL4; Polyclonal Antibody; DLL4 Antibody (C-term); Delta-like protein 4; Drosophila Delta homolog 4; Delta4; anti-DLL4 antibody

PRODUCT SPECIFICATIONS

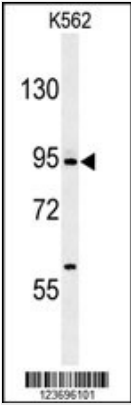
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DLL4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 625-652 amino acids from the C-terminal region of human DLL4.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.33 (varies by lot)
Sequence Positions	625-652
Sequence Length	685
Applicable Applications for anti-DLL4 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
DLL4 Antibody (C-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
DLL4 Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the DLL4 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of DLL4 Antibody (C-term) in K562 cell line lysates (35ug/lane). DLL4 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-DLL4 antibody	DLL4 is a homolog of the Drosophila delta gene. The delta gene family encodes Notch ligands that are characterized by a DSL domain, EGF repeats, and a transmembrane domain.
Product Categories/Family for anti-DLL4 antibody	Cell biology; Neuroscience
References	Emuss, V., et al. PLoS Pathog. 5 (10), E1000616 (2009) Ferrari-Toninelli, G., et al. Dev Neurobiol 69(6):378-391(2009) Indraccolo, S., et al. Cancer Res. 69(4):1314-1323(2009) Segarra, M., et al. Blood 112(5):1904-1911(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	9506545
NCBI GeneID	54567
NCBI Accession #	NP_061947.1
NCBI GenBank Nucleotide #	NM_019074.3
UniProt Accession #	Q9NR61; Q3KP23; Q9NQ79

Molecular Weight	74605
NCBI Official Full Name	delta-like protein 4
NCBI Official Synonym Full Names	delta-like 4 (Drosophila)
NCBI Official Symbol	DLL4
NCBI Official Synonym Symbols	hdelta2
NCBI Protein Information	delta-like protein 4
UniProt Protein Name	Delta-like protein 4
UniProt Gene Name	DLL4
UniProt Synonym Gene Names	Delta4
UniProt Entry Name	DLL4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dll4-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289798>