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anti-DLL4 antibody (C-Term)

3 Images



Overview

Quantity:	400 μL
Target:	DLL4
Binding Specificity:	AA 625-652, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DLL4 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	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.
Clone:	RB23696
Isotype:	lg Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	DLL4
Alternative Name:	DLL4 (DLL4 Products)

Target Details

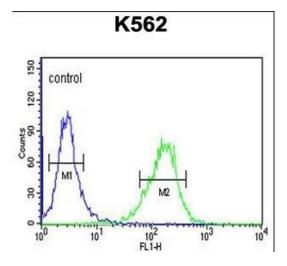
Background:	DLL4 is a homolog of the Drosophila delta gene. The delta gene family encodes Notch ligands that are characterized by a DSL domain, EGF repeats, and a transmembrane domain.
Molecular Weight:	74605
Gene ID:	54567
NCBI Accession:	NP_061947
UniProt:	Q9NR61
Pathways:	Notch Signaling

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

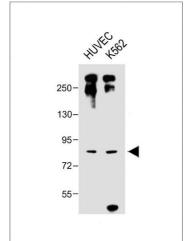
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



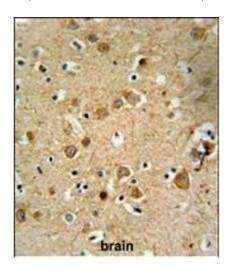
Flow Cytometry

Image 1. DLL4 Antibody (C-term) (ABIN653922 and ABIN2843156) 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.



Western Blotting

Image 2. All lanes: Anti-DLL4_HUN at 1:1000 dilution Lane 1: HUVEC whole cell lysate Lane 2: K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 75 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. DLL4 Antibody (C-term) (ABIN653922 and ABIN2843156) 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.