Rabbit anti-Human DLL3 Polyclonal Antibody | anti-DLL3 antibody

DLL3, CT (DLL3, Delta-like protein 3, Drosophila Delta homolog 3) (APC)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA26850	**Rabbit**	**Human**	**Immunofluorescence, Immunohistochemistry, Western Blot**

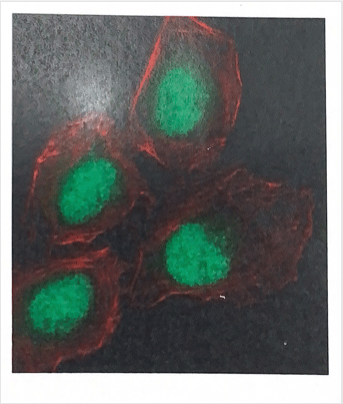
PRODUCT SYNONYMS

DLL3; Polyclonal Antibody; CT (DLL3; Delta-like protein 3; Drosophila Delta homolog 3) (APC); Drosophila Delta homolog 3; anti-DLL3 antibody

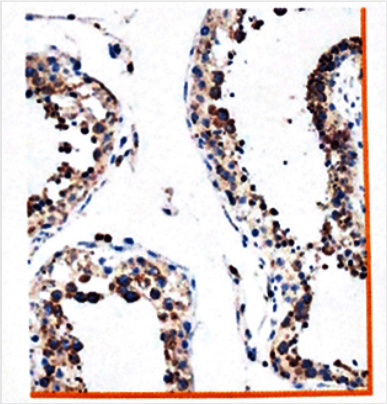
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Recognizes human DLL3. Species Crossreactivity: mouse and rat
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Concentration	0.5 mg/ml (varies by lot)
Applicable Applications for anti-DLL3 antibody	IF (Immunofluorescence), FLISA, IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IHC: Formalin fixed, paraffin embedded tissues. Heat induced antigen retrieval with EDTA Buffer, pH 9.0 is recommended. Optimal dilutions to be determined by the researcher.
Immunogen	KLH-conjugated synthetic peptide mapping to a fragment of residues within amino acids 519-548 in the C-terminal region of human DLL3
Conjugate	APC
Note	Preservative Free
Special Handling	Light sensitive
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

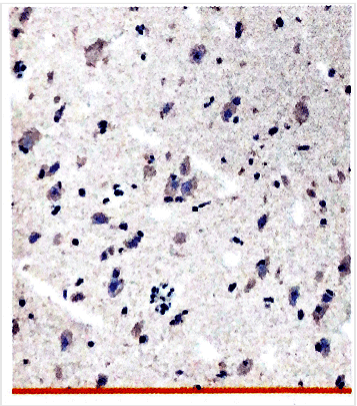
IMAGES



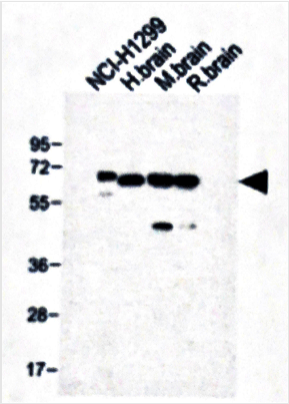
IF (Immunofluorescence)
Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized U-2 OS (human osteosarcoma cell line) cells labeling DLL3 with (1:25), followed by Dylight 488- conjugated goat anti- rabbit IgG secondary antibody at (1:200) (green). Immunofluorescence image showing nucleus and weak cytoplasm staining on U-2 OScell line. Cytoplasmic actin is detected with Dylight 554 Phalloidin (1:100) (red).



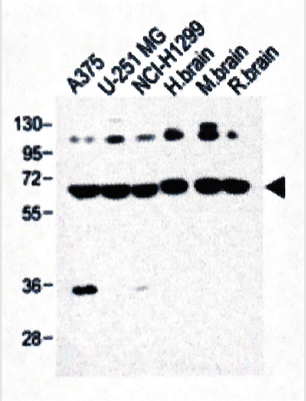
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin embedded human testis tissue using performed on the Leica BOND RXm. Tissue was fixed with formaldehyde at Rt, antigen retrieval was by heat mediation with a EDTA buffer, pH 9.0. Samples were incubated (1:500) for 1 hours at RT. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



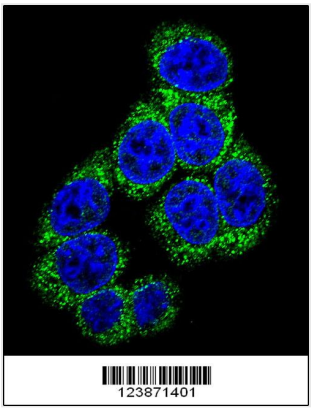
IHC (Immunohistchemistry)
Immunohistochemical analysis of parffin-embedded human brain tissue using performed on the Leica BOND RXm. Tissue was fixed with formaldehyde at RT, antigen retrievalwas by heat heat mediation with a EDTA buffer, pH 9.0. Samples were incubated with (1:500) for 1 hours at RT. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



Application Data
All lanes: (1:1000) Lane 1: NCI-H1299 whole cell lysateLane 2: Human brain tissue lysateLane 3: Mouse brain tissue lysateLane 4: Rat brain whole cell lysate Lysates/proteins at 20/lane. Secondary IgG (H+L) (HRP) goat anti-rabbit (1:10000) Predicted band size: 65 KD Blocking/Dilution buffer: 5% NFDM/TBST.



Application Data
All lanes: (1:1000) Lane 1: A375 whole cell lysateLane 2: U-251 MG whole cell lysateLane 3: Human brain lysate Lane 5: Mouse brain lysate Lane 6: Rat brain lysate Lysates/proteins at 20/lane. Secondary IgG (H+L) (HRP) goat anti-rabbit (1:10000) Predicted band size: 65 KD Blocking Dilution buffer: 5% NFDM/TBST.



IF (Immunofluorescence)
Confocal immunofluorescent analysis of DLL3 Antibody (C-term) with 293 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-DLL3 antibody	DLL3 encodes a member of the delta protein ligand family. This family functions as Notch ligands that are characterized by a DSL domain, EGF repeats, and a transmembrane domain.
Product Categories/Family for anti-DLL3 antibody	Antibodies; Notch Proteins
References	Yerges, L.M. J. Bone Miner. Res. 24 (12), 2039-2049 (2009). Heuss, S.F. Proc. Natl. Acad. Sci. U.S.A. 105 (32), 11212-11217 (2008). Maisenbacher, M.K. Hum. Genet. 116 (5), 416-419 (2005).

NCBI AND UNIPROT INFORMATION

NCBI GI #	45243561
NCBI GeneID	10683
NCBI Accession #	NP_982353.1
NCBI GenBank Nucleotide #	NM_203486.2
UniProt Accession #	Q9NYJ7; Q8NBS4; E9PFG2
NCBI Official Full Name	delta-like protein 3 isoform 2
NCBI Official Synonym Full Names	delta like canonical Notch ligand 3
NCBI Official Symbol	DLL3
NCBI Official Synonym Symbols	SCDO1
NCBI Protein Information	delta-like protein 3
UniProt Protein Name	Delta-like protein 3
UniProt Gene Name	**DLL3**
UniProt Synonym Gene Names	Delta3

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://www.aaabiotech.com/polyclonal/dll3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/26850