Rabbit anti-Mouse Discs Polyclonal Antibody | anti-DLG5 antibody

Polyclonal Antibody to Discs, Large Homolog 5 (DLG5)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145669	**Rabbit**	**Mouse**	**ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot**

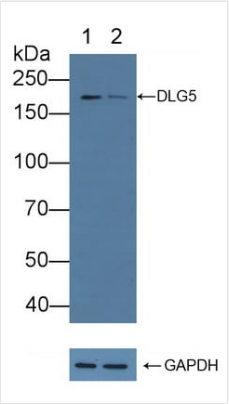
PRODUCT SYNONYMS

Discs; Polyclonal Antibody; Polyclonal Antibody to Discs; Large Homolog 5 (DLG5); LP-DLG; P-DLG5; PDLG; Discs large protein P-dlg; Placenta and prostate DLG; anti-DLG5 antibody

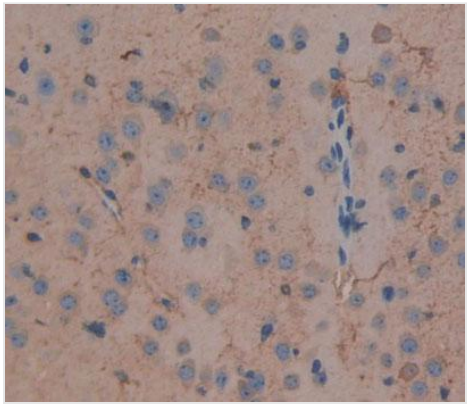
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against DLG5. It has been selected for its ability to recognize DLG5 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN3, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Applicable Applications for anti-DLG5 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	DLG5 (Asp1724~Ser1917)
Conjugate	No Conjugate
Cross Reactivity	Human, Mouse
Immunoglobulin Type	IgG
Quality Control	Content: The quality control contains recombinant DLG5 (Asp1724~Ser1917) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN3 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

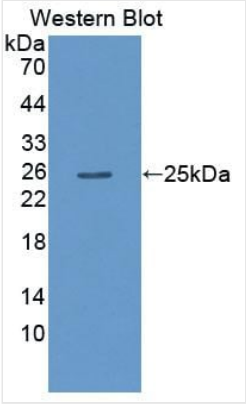
IMAGES



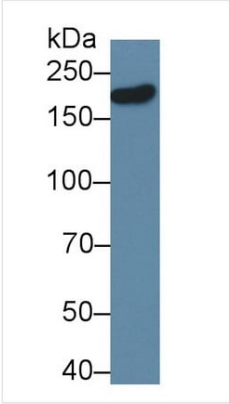
Knockout Validation
Knockout Validation: Lane 1: Wild-type PC3 cell lysate; Lane 2: DLG5 knockout PC3 cell lysate; Predicted MW: 214kd Observed MW: 200kd Primary Ab: 2ug/ml Rabbit Anti-Mouse DLG5 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemisry)
DAB staining on fromalin fixed paraffin- embedded brain tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Human PC3 cell lysate; Primary Ab: 2ug/ml Rabbit Anti-Mouse DLG5 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-DLG5 antibody	Knock-Out Validation Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	254588083
NCBI GeneID	71228
NCBI Accession #	NP_001156985.1
NCBI GenBank Nucleotide #	NM_001163513.1
UniProt Accession #	E9Q9R9; Q3UGX5
Molecular Weight	214,386 Da
NCBI Official Full Name	disks large homolog 5 isoform 1
NCBI Official Synonym Full Names	discs large MAGUK scaffold protein 5
NCBI Official Symbol	Dlg5
NCBI Official Synonym Symbols	T25557; mKIAA0583; 4933429D20Rik

NCBI Protein Information	disks large homolog 5
UniProt Protein Name	Disks large homolog 5
UniProt Gene Name	**Dlg5**

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/discs-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/145669