

Datasheet for ABIN2781502
anti-DLG2 antibody (N-Term)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	DLG2
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DLG2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human DLG2
Sequence:	MFFACYCALR TNVKKYRYQD EDAPHDHSLP RLTHEVRGPE LVHVSEKNLS
Predicted Reactivity:	Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against DLG2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	DLG2
Alternative Name:	DLG2 (DLG2 Products)

Target Details

Background:	<p>DLG2 is a member of the membrane-associated guanylate kinase (MAGUK) family. The protein forms a heterodimer with a related family member that may interact at postsynaptic sites to form a multimeric scaffold for the clustering of receptors, ion channels, and associated signaling proteins. This gene encodes a member of the membrane-associated guanylate kinase (MAGUK) family. The encoded protein forms a heterodimer with a related family member that may interact at postsynaptic sites to form a multimeric scaffold for the clustering of receptors, ion channels, and associated signaling proteins. Alternatively spliced transcript variants encoding distinct isoforms have been described but their full-length nature has yet to be completely determined.</p> <p>Alias Symbols: DKFZp781D1854, DKFZp781E0954, FLJ37266, MGC131811, PSD-93, PSD93, PPP1R58, chapsyn-110</p> <p>Protein Interaction Partner: UBC, PPP1CA, MAP1A, FASLG, KHDRBS1, GRID1, GRIN1, DLGAP1, KCNJ12, SEMA4C, GRID2, CNKSR2, GLS2, WNT3A, KIF1B, CRIPT, FZD4, SCN4A, DLG2, FZD7, FZD1, LIN7A, CACNG2, DLG4, GRIN2D, MAPK12, GUCY1A2, DLG1, KCNJ2, ERBB4, KCNJ4, SCN5A, LRP2, ABCA1, NLGN3, KCNA4, N</p> <p>Protein Size: 870</p>
Molecular Weight:	97 kDa
Gene ID:	1740
NCBI Accession:	NM_001364 , NP_001355
UniProt:	Q15700

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 870 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

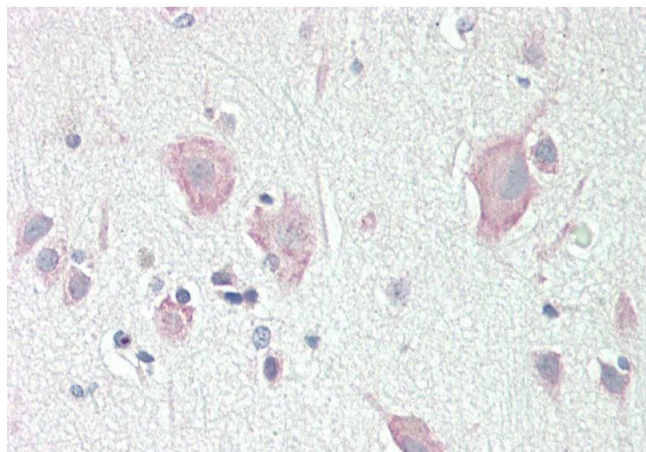
Product cited in:	Spellman, Ahmed, Dubach, Gardiner: "Expression of trisomic proteins in Down syndrome model systems." in: Gene , Vol. 512, Issue 2, pp. 219-25, (2012) (PubMed).
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Images



Western Blotting

Image 1. WB Suggested Anti-DLG2 Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate



Immunohistochemistry

Image 2. Rabbit Anti-DLG2 antibody Formalin Fixed Paraffin Embedded Tissue: Human Brain, Cortex Primary antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20x Exposure Time: 0.5-2.0sec