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Datasheet for ABIN2781528
anti-DLG3 antibody (N-Term)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	DLG3
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Cow, Guinea Pig, Rabbit, Dog, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DLG3 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 DLG3
Sequence:	HEQAAAALKR AGQSVTIVAQ YRPEEYSRFE SKIHDLREQM MNSSMSSGSG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against DLG3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	DLG3
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Target Details

Alternative Name:	DLG3 (DLG3 Products)
Background:	<p>DLG3 is required for learning most likely through its role in synaptic plasticity following NMDA receptor signaling. Defects in DLG3 are the cause of mental retardation X-linked type 90 (MRX90).</p> <p>Alias Symbols: KIAA1232, MRX, MRX90, NE-Dlg, NEDLG, SAP102, XLMR</p> <p>Protein Interaction Partner: UBC, BAG3, PPP1CA, KHDRBS1, ELAVL1, DLGAP3, DLGAP4, SYNGAP1, GRIN1, LPHN1, EXOC4, KCNJ12, GDA, SEMA4C, CNKSR2, GLS2, KIF1B, CRIPT, SCN4A, LIN7A, CACNG2, DLG4, MAPK12, GUCY1A2, PTK2B, DLG1, KCNJ2, ERBB4, SCN5A, LRP2, ABCA1, NLGN3, KCNA4, GRIN2C, GRIN2A, GR</p> <p>Protein Size: 512</p>
Molecular Weight:	58 kDa
Gene ID:	1741
NCBI Accession:	NM_020730 , NP_065781
UniProt:	Q5JUW6

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 512 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
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

Handling

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: Ewing, Chu, Elisma, Li, Taylor, Climie, McBroom-Cerajewski, Robinson, OConnor, Li, Taylor, Dharsee, Ho, Heilbut, Moore, Zhang, Ornatsky, Bukhman, Ethier, Sheng, Vasilescu, Abu-Farha, Lambert, Duewel et al.: "Large-scale mapping of human protein-protein interactions by mass spectrometry. ..." in: **Molecular systems biology**, Vol. 3, pp. 89, (2007) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-DLG3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human heart