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anti-DLG4 antibody (AA 683-732)

3 Images



Overview

Quantity:	100 μL
Target:	DLG4
Binding Specificity:	AA 683-732
Reactivity:	Rat, Mouse, Human, Cow, Monkey, Zebrafish (Danio rerio), Dog, Rabbit, Horse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffinembedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa683-732 of human DLG4 (P78352, NP_001356). Percent identity by BLAST analysis: Human, Chimpanzee, Gibbon, Galago, Marmoset, Mouse, Rat, Elephant, Panda, Dog, Bovine, Rabbit, Horse, Guinea pig (100%), Opossum (92%).
	Type of Immunogen: Synthetic peptide
Specificity:	Human DLG4 / PSD95
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Dog, Bovine, Rabbit, Horse, Guinea pig (100%).
Purification:	Immunoaffinity purified

Target Details

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Target:	DLG4
Alternative Name:	DLG4 / PSD95 (DLG4 Products)
Background:	Name/Gene ID: DLG4
	Family: MAGUK
	Synonyms: DLG4, Disks large homolog 4, Presynaptic density protein 95, PSD95, SAP-90,
	Synapse-associated protein 90, PSD-95, SAP90, Tax interaction protein 15, Discs large homolog
	4
Gene ID:	1742
NCBI Accession:	NP_001356
UniProt:	P78352
Pathways:	Regulation of Muscle Cell Differentiation, Synaptic Membrane, Skeletal Muscle Fiber
	Development, Asymmetric Protein Localization, Regulation of long-term Neuronal Synaptic
	Plasticity
Application Details	
Application Notes:	Approved: IHC, IHC-P (2.5 - 5 μg/mL), WB (0.2 - 1 μg/mL)
	Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP
	conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C

Storage Comment:

Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long

term use (up to 1 year)

Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images

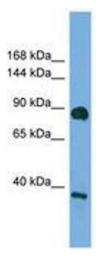


Image 1.

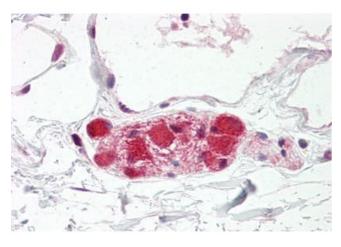
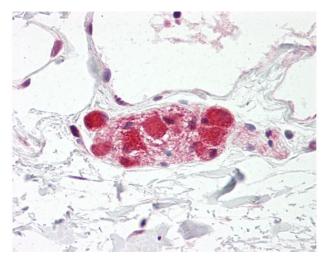


Image 2.



Immunohistochemistry

Image 3. Anti-PSD95 antibody IHC of human colon, submucosal plexus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 2.5-5 ug/ml. This image was taken for the unconjugated form of this p ...