

Rabbit ELAV2/4 Polyclonal Antibody | anti-ELAVL2 antibody

ELAV2/4 Antibody

CATALOG # AAA327575	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunocytochemistry, Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

ELAV2/4; Polyclonal Antibody; ELAV2/4 Antibody; ELAV like neuron specific RNA binding protein 2; ELAV like Neuronal Protein 1; ELAV like Protein 2; ELAV-like neuronal protein 1; ELAV-like protein 2; ELAV2_HUMAN; ELAVL2; HEL-N1; HELN1; HU Antigen B; Hu-antigen B; HuB; Nervous System Specific RNA Binding Protein MeIN1; Nervous system-specific RNA-binding protein Hel-N1; ELAV (embryonic lethal abnormal vision Drosophila) like 4; ELAV L4; ELAV like 4; ELAV like protein 4; ELAV-like protein 4; ELAV4_HUMAN; Elavl4; Embryonic lethal abnormal vision Drosophila homolog of like 4; Hu antigen D; Hu-antigen D; HuD; Paraneoplastic encephalomyelitis antigen HuD; PNEM; anti-ELAVL2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ELAV2/4 antibody detects endogenous levels of total ELAV2/4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	346
Applicable Applications for anti-ELAVL2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ELAV2/4
Tissue Specificity	Brain; neural-specific.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (82%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (91%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA327575 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of ELAV2/4 using COLO205 whole cell lysates



WB (Western Blot)

Western blot analysis of extracts from rat brain, using ELAV2/4 Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ELAVL2 antibody

Function: Binds RNA. Seems to recognize a GAAA motif. Can bind to its own 3'-UTR, the FOS 3'-UTR and the ID 3'-UTR.
Subunit Structure: Interacts with IGF2BP1.
Similarity: Belongs to the RRM elav family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	283945529
NCBI GeneID	1993
NCBI Accession #	NP_001164666.1
NCBI GenBank Nucleotide #	NM_001171195.1
UniProt Accession #	Q12926; Q13235; Q59G15; Q8NEM4; Q9H1Q8; D3DRK3
Molecular Weight	Observed: 39 kDa Predicted: 40 kDa
NCBI Official Full Name	ELAV-like protein 2 isoform b
NCBI Official Synonym Full Names	ELAV like RNA binding protein 2
NCBI Official Symbol	ELAVL2
NCBI Official Synonym Symbols	HUB; HELN1; HEL-N1
NCBI Protein Information	ELAV-like protein 2
UniProt Protein Name	ELAV-like protein 2
UniProt Gene Name	ELAVL2
UniProt Synonym Gene Names	HUB; HuB

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.