

Rabbit NEURL2 Polyclonal Antibody | anti-NEURL2 antibody

NEURL2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324889	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

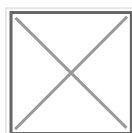
PRODUCT SYNONYMS

NEURL2; Polyclonal Antibody; NEURL2 Antibody; NEUL2_HUMAN; Neuralized like protein 2; Neuralized-like protein 2; anti-NEURL2 antibody

PRODUCT SPECIFICATIONS

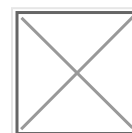
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NEURL2 antibody detects endogenous levels of total NEURL2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	261
Applicable Applications for anti-NEURL2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm.
Tissue Specificity	Expressed specifically in skeletal and cardiac muscles.
Predicted Cross Reactivity	Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Bovine (100%), Horse (91%), Sheep (100%), Rabbit (90%), Dog (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324889 staining Hela cells 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) antibody, diluted at 1/600, was used as secondary antibody.



IHC (Immunohistochemistry)

AAA324889 at 1/100 staining Mouse muscle tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells using NEURL2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NEURL2 antibody

Function: Plays an important role in the process of myofiber differentiation and maturation. Probable substrate-recognition component of a SCF-like ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complex, which mediates the ubiquitination of proteins. Probably contributes to catalysis through recognition and positioning of the substrate and the ubiquitin-conjugating enzyme. During myogenesis, controls the ubiquitination and degradation of the specific pool of CTNNB1/beta-catenin located at the sarcolemma (By similarity).
Subunit Structure: Probable component the ECS(NEURL2) E3 ubiquitin-protein ligase complex consisting of ELOB/Elongin B, ELOC/Elongin C, CUL5, RBX1 and NEURL2. Interacts with CTNNB1 (By similarity).
Similarity: The SOCS domain mediates the interaction with ELOB and ELOC, while the NHR domain may be involved in ubiquitination substrate binding.

NCBI AND UNIPROT INFORMATION

NCBI GI #	512749772
NCBI GeneID	140825
NCBI Accession #	NP_001265464.1
NCBI GenBank Nucleotide #	NM_001278535.1
UniProt Accession #	Q9BR09; Q3KR34
Molecular Weight	Observed: 36 kD Predicted: 32 kDa
NCBI Official Full Name	neuralized-like protein 2 isoform 2
NCBI Official Synonym Full Names	neuralized E3 ubiquitin protein ligase 2
NCBI Official Symbol	NEURL2
NCBI Official Synonym Symbols	OZZ; OZZ-E3; C20orf163
NCBI Protein Information	neuralized-like protein 2
UniProt Protein Name	Neuralized-like protein 2
UniProt Gene Name	NEURL2
UniProt Synonym Gene Names	C20orf163

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/neurl2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324889>