

NEURL2 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51385**Specification**

NEURL2 Antibody - Product Information

Application	WB
Primary Accession	Q9BR09
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	32 KDa
Antigen Region	81 - 140

NEURL2 Antibody - Additional Information**Gene ID** 140825**Other Names**

Neuralized-like protein 2, NEURL2, C20orf163

Target/Specificity

KLH conjugated synthetic peptide derived from human NEURL2

Dilution

WB~~ 1:1000

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

NEURL2 Antibody - Protein Information**Name** NEURL2**Synonyms** C20orf163**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).

Cellular Location

Cytoplasm.

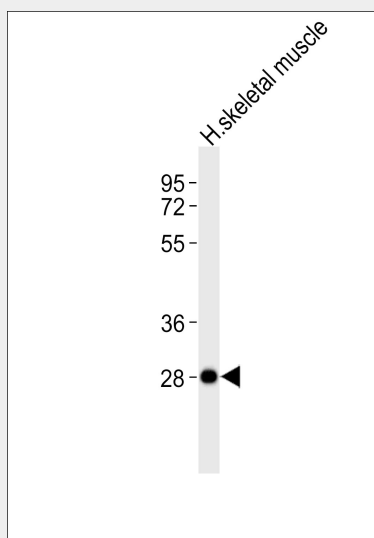
Tissue Location

Expressed specifically in skeletal and cardiac muscles.

NEURL2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NEURL2 Antibody - Images

Anti-NEURL2 Antibody at 1:1000 dilution + human skeletal muscle lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 32 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

NEURL2 Antibody - Background

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).

NEURL2 Antibody - References

Ota T., et al. Nat. Genet. 36:40-45(2004).
Frigimelica E., et al. Submitted (JAN-2003) to the EMBL/GenBank/DDBJ databases.

Deloukas P.,et al.Nature 414:865-871(2001).
Nastasi T.,et al.Dev. Cell 6:269-282(2004).