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NEURL2 Rabbit pAb

Catalog # AP99404

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9BR09
Other Accession	Q9BR09
Predicted	Rat, Pig, Human, Mouse, Rabbit, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31690
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NEURL2
Epitope Specificity	1-100/285
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Probable component the ECS(NEURL2) E3 ubiquitin-protein ligase complex consisting of TCEB2/Elongin B, TCEB1/Elongin C, CUL5, RBX1 and NEURL2. Interacts with CTNNB1 By similarity.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a protein that is involved in the regulation of myofibril organization. This protein is likely the adaptor component of the E3 ubiquitin ligase complex in striated muscle, and it regulates the ubiquitin-mediated degradation of beta-catenin during myogenesis. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jun 2013]

Additional Information

Gene ID	140825
Other Names	C20orf163; OZZ; OZZ-E3; Neur2; NEUL2_HUMAN; NEURL2; NEUL2_MOUSE; neuralized E3 ubiquitin protein ligase 2; chromosome 20 open reading frame 163; neuralized-like 2 (Drosophila); neuralized homolog 2 (Drosophila)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.