

Datasheet for ABIN2784965
anti-NEURL2 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	NEURL2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig, Rabbit, Cow, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEURL2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human NEURL2
Sequence:	MAAASEPVDS GALWGLERPE PPTRFHRVH GANIRVDPSG TRATRVESFA
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 100%, Horse: 86%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against NEURL2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	NEURL2
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Target Details

Alternative Name:	NEURL2 (NEURL2 Products)
Background:	<p>NEURL2 contains 1 NHR (neuralized homology repeat) domain and 1 SOCS box domain.</p> <p>NEURL2 plays an important role in the process of myofiber differentiation and maturation.</p> <p>NEURL2 is the 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. NEURL2 probably contributes to catalysis through recognition and positioning of the substrate and the ubiquitin-conjugating enzyme. During myogenesis, it controls the ubiquitination and degradation of the specific pool of CTNNB1/beta-catenin located at the sarcolemma.</p> <p>Alias Symbols: C20orf163, MGC125934, MGC125935, OZZ, Ozz-E3</p> <p>Protein Interaction Partner: CTNNB1,</p> <p>Protein Size: 285</p>
Molecular Weight:	32 kDa
Gene ID:	140825
NCBI Accession:	NM_080749 , NP_542787
UniProt:	Q9BR09

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 285 AA
Restrictions:	For Research Use only

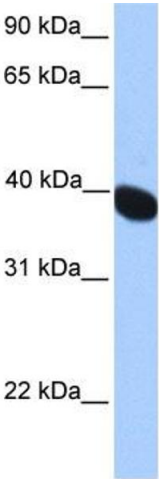
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-NEURL2 Antibody Titration:
0.2-1 ug/ml
Positive Control: Human Muscle