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Datasheet for ABIN2784634

anti-C4orf46 antibody (Middle Region)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	C4orf46
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Horse, Pig, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human LOC201725
Sequence:	VSLGWPVPSR SSGPTVDQLE EVELQIGDAA FSLTKLLEAT SAVSAQVEEL
Predicted Reactivity:	Horse: 86%, Human: 100%, Mouse: 79%, Pig: 86%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against LOC201725. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	C4orf46
Alternative Name:	C4orf46 (C4orf46 Products)

Target Details

Background: The specific function of LOC201725 is not yet known.
Alias Symbols: -
Protein Interaction Partner: KXD1, TFPT, CDR2, UBC, SRPK2, APP, ELAVL1,
Protein Size: 113

Molecular Weight: 12 kDa

Gene ID: 201725

NCBI Accession: [NM_001008393](#), [NP_001008394](#)

UniProt: [Q504U0](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 113 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.

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.

Publications

Product cited in: Aubol, Wu, Keshwani, Movassat, Fattet, Hertel, Fu, Adams: "Release of SR Proteins from CLK1 by SRPK1: A Symbiotic Kinase System for Phosphorylation Control of Pre-mRNA Splicing." in:

Molecular cell, Vol. 63, Issue 2, pp. 218-228, (2016) ([PubMed](#)).

Eisenreich, Zakrzewicz, Huber, Thierbach, Pepke, Goldin-Lang, Schultheiss, Pries, Rauch: "Regulation of pro-angiogenic tissue factor expression in hypoxia-induced human lung cancer cells." in: **Oncology reports**, Vol. 30, Issue 1, pp. 462-70, (2013) ([PubMed](#)).



Western Blotting

Image 1. WB Suggested Anti-C4orf46 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: Transfected 293T