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Datasheet for ABIN2782372 anti-C21orf33 antibody (N-Term)

3 Images



Overview

Quantity:	100 µL
Target:	C21orf33
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Cow, Guinea Pig, Horse, Sheep, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C21orf33 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human C21orf33
Sequence:	SRGGAEVQIF APDVPQMHVI DHTKGQPSEG ESRNVLTESA RIARGKITDL
Predicted Reactivity:	Cow: 93%, Guinea Pig: 86%, Horse: 86%, Human: 100%, Mouse: 92%, Rat: 100%, Sheep: 93%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against C21orf33. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified
Target Details	

Target:

C21orf33

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Target Details	
Alternative Name:	C21orf33 (C21orf33 Products)
Background:	C21orf33 inhibits both estrogen- and heregulin-beta1-stimulated growth of breast cancer cells, and further suggests that growth inhibition induced in these cells by all-trans retinoic acid occurs via HES-1-mediated downregulation of E2F-1 expression. C21orf33 may also be a candidate protein involved in the pathogenesis of the brain deficit in DS. Alias Symbols: D21S2048E, ES1, GT335, HES1, KNP-I, KNPH, KNPI Protein Interaction Partner: UBC, SUMO1, NEDD8, APP, FRA10AC1, Protein Size: 237
Molecular Weight:	21 kDa
Gene ID:	8209
NCBI Accession:	NM_198155, NP_937798
Application Details	

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 237 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.

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Immunohistochemistry

Image 1.

Immunohistochemistry

Image 2. Human Muscle



Western Blotting

Image 3. WB Suggested Antibody Titration: 2.5 ug/ml Positive Control: HepG2 C21orf33 is supported by BioGPS gene expression data to be expressed in HepG2

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