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Datasheet for ABIN2782048
anti-AREL1 antibody (N-Term)

5 Images

1 Publication

Overview

Quantity:	100 µL
Target:	AREL1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AREL1 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 KIAA0317
Sequence:	LTCGQPHTLQ IVPRDEYDNP TNSMSLRDE HNYTLSIHEL GPQEEESTGV
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against KIAA0317. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	AREL1
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Target Details

Alternative Name:	KIAA0317 (AREL1 Products)
Background:	<p>KIAA0317 contains 1 filamin repeat and 1 HECT (E6AP-type E3 ubiquitin-protein ligase) domain. The exact function of KIAA0317 remains unknown.</p> <p>Alias Symbols: KIAA0317,</p> <p>Protein Interaction Partner: UBC, Htra2, DIABLO, AREL1, UBE2D1, SEPT4, HSP90AA1,</p> <p>Protein Size: 823</p>
Molecular Weight:	94 kDa
Gene ID:	9870
NCBI Accession:	NM_001039479 , NP_001034568
UniProt:	O15033

Application Details

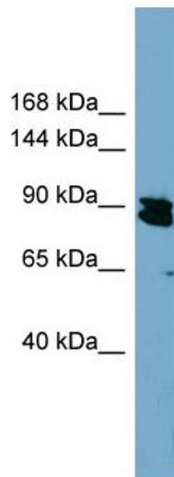
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 823 AA
Restrictions:	For Research Use only

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.

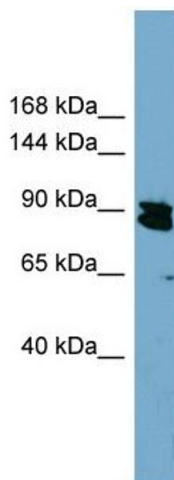
Product cited in: Spellman, Ahmed, Dubach, Gardiner: "Expression of trisomic proteins in Down syndrome model systems." in: **Gene**, Vol. 512, Issue 2, pp. 219-25, (2012) ([PubMed](#)).

Images



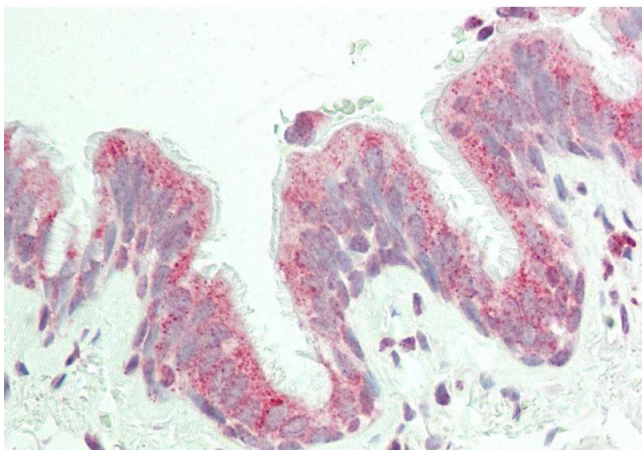
Western Blotting

Image 1. WB Suggested Anti-KIAA0317 Antibody Titration: 0.2-1 ug/ml Positive Control: HT1080 cell lysate AREL1 is supported by BioGPS gene expression data to be expressed in HT1080



Western Blotting

Image 2. WB Suggested Anti-KIAA0317 Antibody Titration: 0.2-1 µg/mL Positive Control: HT1080 cell lysate AREL1 is supported by BioGPS gene expression data to be expressed in HT1080



Immunohistochemistry

Image 3. Rabbit Anti-KIAA0317 antibody Formalin Fixed Paraffin Embedded Tissue: Human Lung, Respiratory Epithelium Primary antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20x Exposure Time: 0.5-2.0sec

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2782048.