

Datasheet for ABIN2785090  
**anti-ARL13B antibody (Middle Region)**[Go to Product page](#)[1 Image](#)[1 Publication](#)

## Overview

Quantity:	100 µL
Target:	ARL13B
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Horse, Cow, Rabbit, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARL13B antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ARL13B
Sequence:	VEPLNIDDCA PESPTPPPPP PPVGWGTPKV TRLPKLEPLG ETHHNDFYRK
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 100%, Horse: 79%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against ARL13B. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	ARL13B
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## Target Details

Alternative Name:	ARL13B ( <a href="#">ARL13B Products</a> )
Background:	<p>ARL13B has an evolutionarily conserved role mediating cilia function in multiple organs. N and C domains of ARL13B cooperatively regulate its ciliary localization and that N domain-dependent self-association of Arl13b may be important for its function in cilia biogenesis.</p> <p>Alias Symbols: ARL2L1, DKFZp686E2075, DKFZp686L2472, DKFZp686M2074, DKFZp761H079, MGC120611, MGC120612, JBTS8</p> <p>Protein Interaction Partner: UBC,</p> <p>Protein Size: 428</p>
Molecular Weight:	48 kDa
Gene ID:	200894
NCBI Accession:	<a href="#">NM_144996</a> , <a href="#">NP_659433</a>
UniProt:	<a href="#">Q8TCL5</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 321 AA
Restrictions:	For Research Use only

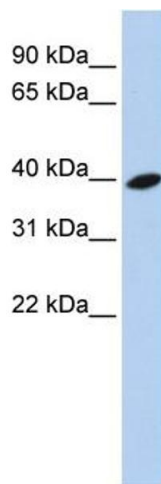
## Handling

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: Collins, Wright, Edwards, Davis, Grinham, Cole, Goward, Aguado, Mallya, Mokrab, Huckle, Beare, Dunham: "A genome annotation-driven approach to cloning the human ORFeome." in: **Genome biology**, Vol. 5, Issue 10, pp. R84, (2004) ([PubMed](#)).

## Images



### Western Blotting

#### Image 1. WB Suggested Anti-ARL13B Antibody Titration:

0.2-1 ug/ml

**ELISA Titer:** 1:312500

**Positive Control:** 721\_B cell lysate