

Datasheet for ABIN2775500
anti-DNAI2 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	DNAI2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNAI2 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 DNAI2
Sequence:	TRGVNHVEGG WPKDVNPLEL EQTIRFRKKV EKDENYVNAI MQLGSIMEHC
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against DNAI2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	DNAI2
Alternative Name:	DNAI2 (DNAI2 Products)

Target Details

Background:	<p>The protein encoded by this gene belongs to the dynein intermediate chain family, and is part of the dynein complex of respiratory cilia and sperm flagella. Mutations in this gene are associated with primary ciliary dyskinesia type 9. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.</p> <p>Alias Symbols: CILD9</p> <p>Protein Size: 605</p>
Molecular Weight:	69 kDa
Gene ID:	64446
NCBI Accession:	NM_023036 , NP_075462
UniProt:	Q9GZS0

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 605 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.



Western Blotting

Image 1. WB Suggested Anti-DNAI2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: PANC1 cell lysate DNAI2 is supported by BioGPS gene expression data to be expressed in PANC1

Western Blotting

Image 2. WB Suggested Anti-DNAI2 Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1::12500 Positive Control: PANC1 cell lysate DNAI2 is supported by BioGPS gene expression data to be expressed in PANC1