

Rabbit DNAL1 Polyclonal Antibody | anti-DNAL1 antibody

DNAL1 Polyclonal Antibody

CATALOG # AAA280440	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
-------------------------------	-----------------------	--	-------------------------------------

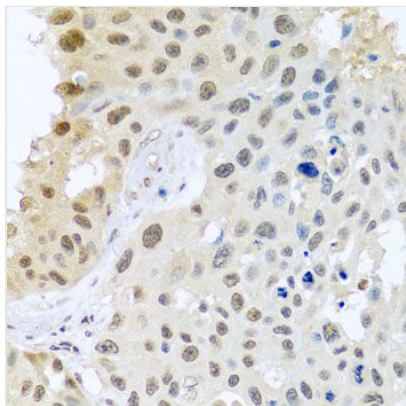
PRODUCT SYNONYMS

DNAL1; Polyclonal Antibody; DNAL1 Polyclonal Antibody; anti-DNAL1 antibody

PRODUCT SPECIFICATIONS

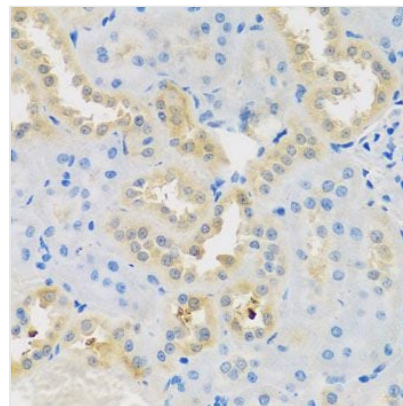
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	151
Applicable Applications for anti-DNAL1 antibody	WB (Western Blot)
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human DNAL1
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



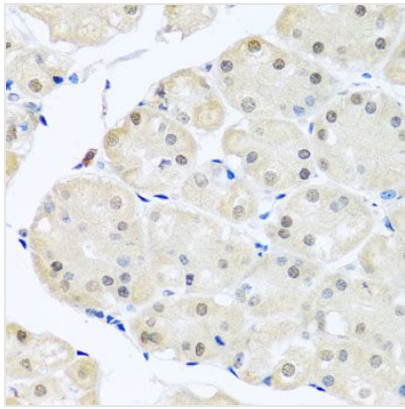
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using DNAL1 antibody at dilution of 1:100 (40x lens).



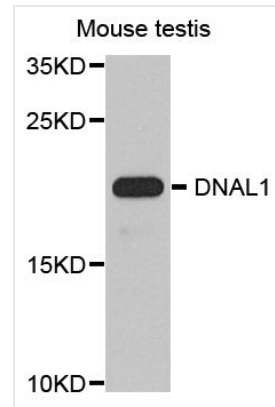
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using DNAL1 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using DNAL1 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of mouse testis, using DNAL1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-DNAL1 antibody

This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with motile cilia or flagella and may be involved in the movement of sperm flagella. Alternate splicing results in multiple transcript variants.

NCBI AND UNIPROT INFORMATION

NCBI GI #	318984125
NCBI GeneID	83544
NCBI Accession #	NP_001188295.1
NCBI GenBank Nucleotide #	NM_001201366.1
UniProt Accession #	Q4LDG9; Q5JPB7; Q9BS43; B2RD38
Molecular Weight	22kDa
NCBI Official Full Name	dynein light chain 1, axonemal isoform 2
NCBI Official Synonym Full Names	dynein, axonemal, light chain 1
NCBI Official Symbol	DNAL1
NCBI Official Synonym Symbols	CILD16; C14orf168
NCBI Protein Information	dynein light chain 1, axonemal
UniProt Protein Name	Dynein light chain 1, axonemal
UniProt Gene Name	DNAL1
UniProt Synonym Gene Names	C14orf168
UniProt Entry Name	DNAL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.