

Rabbit anti-Human, Mouse DNAL4 Polyclonal Antibody | anti-DNAL4 antibody

DNAL4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327966	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

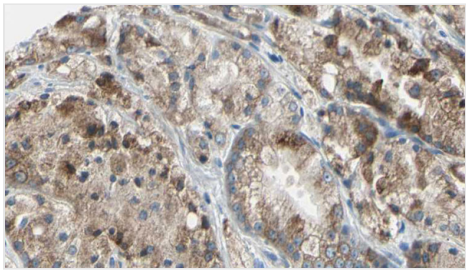
PRODUCT SYNONYMS

DNAL4; Polyclonal Antibody; DNAL4 Antibody; D15Ert424e; Dnal4; DNAL4_HUMAN; Dnalc4; Dynein axonemal light chain 4; Dynein light chain 4; axonemal; Dynein light chain; outer arm 4; Dynein; light 4; light polypeptide 4; MGC105573; PIG27; Proliferation inducing gene 27; Proliferation inducing protein 27; anti-DNAL4 antibody

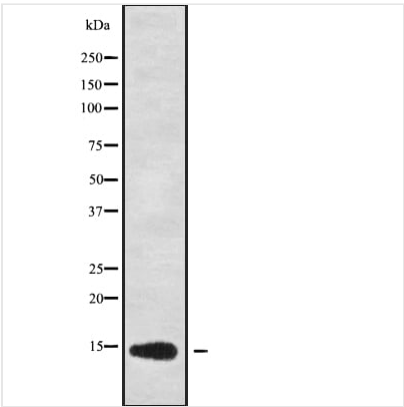
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	DNAL4 antibody detects endogenous levels of total DNAL4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	105
Applicable Applications for anti-DNAL4 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human DNAL4
Subcellular Location	Cytoskeleton
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA327966 at 1/100 staining Human prostate tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of DNAL4 using HepG2 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-DNAL4 antibody	Function: Force generating protein of respiratory cilia. Produces force towards the minus ends of microtubules. Dynein has ATPase activity (By similarity). Subunit Structure: Consists of at least two heavy chains and a number of intermediate and light chains. Similarity: Belongs to the dynein light chain family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5031667
NCBI GeneID	10126
NCBI Accession #	NP_005731.1
NCBI GenBank Nucleotide #	NM_005740.2
UniProt Accession #	O96015; Q6FGB2; Q6FGD0
Molecular Weight	Observed: 12 kDa Predicted: 13 kDa
NCBI Official Full Name	dynein light chain 4, axonemal
NCBI Official Synonym Full Names	dynein axonemal light chain 4
NCBI Official Symbol	DNAL4
NCBI Official Synonym Symbols	MRMV3; PIG27
NCBI Protein Information	dynein light chain 4, axonemal
UniProt Protein Name	Dynein light chain 4, axonemal
UniProt Gene Name	DNAL4

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.