DET1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DET1, Polyclonal Antibody
Full Product Name	DET1 Antibody, FITC conjugated
Product Gene Name	anti-DET1 antibody
Product Synonym Names	DET1 homolog; De-etiolated-1 homolog; DET1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: DET1 (MBS7043910) FITC Conjugated Antibody: DET1 (MBS7044296)
Molecular Weight	65,102 Da
OMIM	608727
3D Structure	ModBase 3D Structure for Q7L5Y6
Species	Human
Immunogen	Recombinant human DET1 homolog protein
Conjugate	FITC
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-164172 / sc-130583 / sc-135129
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-DET1 antibody	ELISA (EIA)
Related Product Information for anti-DET1 antibody	Component of the E3 ubiquitin ligase DCX DET1-COP1 complex, which is required for ubiquitination and subsequent degradation of target proteins. The complex is involved in JUN ubiquitination and degradation.
Other Notes	Small volumes of anti-DET1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for DET1 purchase	MBS7044296 is an antibody targeting DET1. Also known as DET1 Antibody, FITC conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DET1. It may not necessarily be applicable to this product.

NCBI GI #	221136821
NCBI GeneID	55070
NCBI Accession #	NP_001137546.1
UniProt Primary Accession #	Q7L5Y6
UniProt Secondary Accession #	Q2VPC0; Q9NWD5; B3KNN6
UniProt Related Accession #	Q7L5Y6
GenBank Nucleotide #	NM_001144074.2
NCBI Official Full Name	DET1 homolog isoform 2
NCBI Official Synonym Full Names	de-etiolated homolog 1 (Arabidopsis)
NCBI Official Symbol	DET1
UniProt Protein Name	DET1 homolog
UniProt Synonym Protein Names	De-etiolated-1 homolog
Protein Family	Broad-range acid phosphatase
UniProt Gene Name	DET1
UniProt Entry Name	DET1_HUMAN
NCBI Protein Information	DET1 homolog
UniProt Comments for DET1	DET1: Component of the E3 ubiquitin ligase DCX DET1-COP1 complex, which is required for ubiquitination and subsequent degradation of target proteins. The complex is involved in JUN ubiquitination and degradation. Belongs to the DET1 family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Ubiquitin ligase Chromosomal Location of Human Ortholog: 15q25.3
Research Articles on DET1	**1.** These findings demonstrate that the conserved DET1 complex modulates Cul4A functions by a novel mechanism.
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