Rabbit anti-Human OFD1 Polyclonal Antibody | anti-OFD1 antibody

Anti-OFD1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254836	**Rabbit**	**Human**	**Immunohistochemistry**

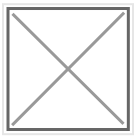
PRODUCT SYNONYMS

OFD1; Polyclonal Antibody; Anti-OFD1 Antibody; Rabbit Polyclonal; OFD1 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-71-7A Antibody; Anti-CXorf5 Antibody; Anti-JBTS10 Antibody; Anti-RP23 Antibody; Anti-SGBS2 Antibody; anti-OFD1 antibody

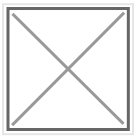
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human OFD1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-OFD1 antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the center region of the Human OFD1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human OFD1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunochemical staining of human OFD1 in human stomach with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)
Immunochemical staining of human OFD1 in human liver with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-OFD1 antibody	OFD1, a centrosomal/basal body protein, interacts with components of the Preinitiation complex of translation (PIC) and of the eukaryotic Initiation Factor (eIF)4F complex and modulates the translation of specific mRNA targets in the kidney. OFD1 is the gene responsible for the oral-facial-digital syndrome type 1, a cause of inherited cystic renal disease. The protein contains an N-terminal LisH motif, considered important in microtubule dynamics, and several putative coiled-coil domains.OFD1, now recognized as a ciliopathy, is characterized by malformations of the face, oral cavity and digits, and is transmitted as an X-linked condition with lethality in males. Mutations in OFD1 also cause X-linked Joubert syndrome (JBTS10) and Simpson-Golabi-Behmel syndrome type 2 (SGBS2).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503179
NCBI GeneID	8481
NCBI Accession #	NP_003602
NCBI GenBank Nucleotide #	NM_003611
UniProt Accession #	O75665; O75666; Q4VAK4; B9ZVU5
Molecular Weight	111,745 Da
NCBI Official Full Name	oral-facial-digital syndrome 1 protein
NCBI Official Synonym Full Names	oral-facial-digital syndrome 1
NCBI Official Symbol	OFD1
NCBI Official Synonym Symbols	RP23; 71-7A; SGBS2; CXorf5; JBTS10
NCBI Protein Information	oral-facial-digital syndrome 1 protein; protein 71-7A
UniProt Protein Name	Oral-facial-digital syndrome 1 protein
UniProt Gene Name	**OFD1**
UniProt Synonym Gene Names	CXorf5
UniProt Entry Name	OFD1_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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/ofd1-antibody-immunohistochemistry-elisa/254836