

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

OFD1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232609	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

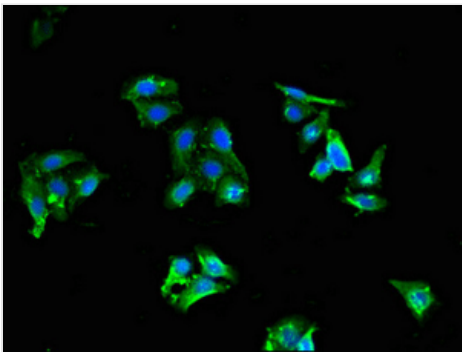
PRODUCT SYNONYMS

OFD1; Polyclonal Antibody; OFD1 Antibody; Oral-facial-digital syndrome 1 protein; Protein 71-7A; CXorf5; anti-OFD1 antibody

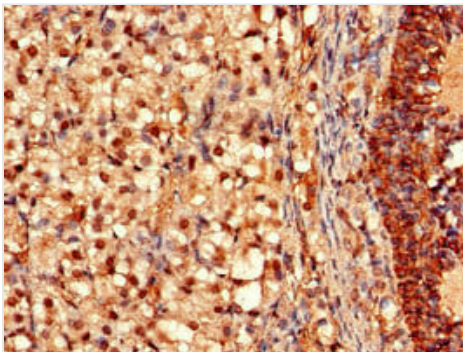
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Applicable Applications for anti-OFD1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Oral-facial-digital syndrome 1 protein protein (598-771AA)
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Conjugate	Non-conjugated
Species	Human
Research Area	Tags & Cell Markers
Target Names	OFD1
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-168837
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

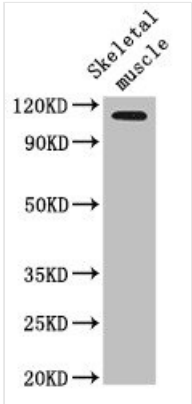
IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of HepG2 cells using AAA232609 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human adrenal gland tissue using AAA232609 at dilution of 1:100



WB (Western Blot)
Western BlotPositive WB detected in: Mouse skeletal muscle tissueAll lanes: OFD1 antibody at 2ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 117,43,112 KDaObserved band size: 117 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-OFD1 antibody	Component of the centrioles controlling mother and daughter centrioles length. Recruits to the centriole IFT88 and centriole distal appendage-specific proteins including CEP164. Involved in the biogenesis of the cilium, a centriole-associated function. The cilium is a cell surface projection found in many vertebrate cells required to transduce signals important for development and tissue homeostasis. Plays an important role in development by regulating Wnt signaling and the specification of the left-right axis. Only OFD1 localized at the centriolar satellites is removed by autophagy, which is an important step in the ciliogenesis regulation (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1055970449
NCBI GeneID	8481
NCBI Accession #	NP_001317138.1
NCBI GenBank Nucleotide #	NM_001330209.1
UniProt Accession #	O75665; O75666; Q4VAK4; B9ZVU5
NCBI Official Full Name	oral-facial-digital syndrome 1 protein isoform 2
NCBI Official Synonym Full Names	OFD1, centriole and centriolar satellite protein
NCBI Official Symbol	OFD1
NCBI Official Synonym Symbols	RP23; 71-7A; SGBS2; CXorf5; JBTS10

NCBI Protein Information	oral-facial-digital syndrome 1 protein
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://www.aaabiotech.com/polyclonal/ofd1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/232609>