

Rabbit YOD1 Polyclonal Antibody | anti-YOD1 antibody

YOD1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283648	Rabbit	Human (Predicted Reactivity: Chicken, Zebrafish)	Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

YOD1; Polyclonal Antibody; YOD1 Antibody (C-term); Ubiquitin thioesterase OTU1; DUBA-8; HIV-1-induced protease 7; HIN-7; HsHIN7; OTU domain-containing protein 2; DUBA8; HIN7; OTUD2; anti-YOD1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Chicken, Zebrafish)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This YOD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 319-347 amino acids from the C-terminal region of human YOD1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.3 (varies by lot)
Sequence Positions	319-347
Sequence Length	304
Applicable Applications for anti-YOD1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Confocal immunofluorescent analysis of YOD1 Antibody (C-term) with WiDr cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)

YOD1 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human bladder carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of YOD1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

YOD1 Antibody (C-term) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the YOD1 antibody detected the YOD1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-YOD1 antibody	Deubiquitinating enzymes (DUBs; see MIM 603478) are proteases that specifically cleave ubiquitin (MIM 191339) linkages, negating the action of ubiquitin ligases. DUBA8 belongs to a DUB subfamily characterized by an ovarian tumor (OTU) domain.[supplied by OMIM].
Product Categories/Family for anti-YOD1 antibody	Cell Biology; Signal transduction
References	Ernst, R., et al. Mol. Cell 36(1):28-38(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	444299626
NCBI GeneID	55432
NCBI Accession #	NP_001263249.1; NP_061036.3
NCBI GenBank Nucleotide #	NM_001276320.1
UniProt Accession #	Q5VVQ6; Q5VVQ5; Q6ZRS6; Q86T63; Q9P1L8; B2RNX3
Molecular Weight	38322
NCBI Official Full Name	ubiquitin thioesterase OTU1 isoform 2
NCBI Official Synonym Full Names	YOD1 deubiquitinase
NCBI Official Symbol	YOD1
NCBI Official Synonym Symbols	DUBA8; OTUD2; PRO0907
NCBI Protein Information	ubiquitin thioesterase OTU1
UniProt Protein Name	Ubiquitin thioesterase OTU1
UniProt Gene Name	YOD1
UniProt Synonym Gene Names	DUBA8; HIN7; OTUD2; HIN-7; HsHIN7
UniProt Entry Name	OTU1_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/yod1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/283648>