

Rabbit CDO1 Polyclonal Antibody | anti-CDO1 antibody

CDO1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322760	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

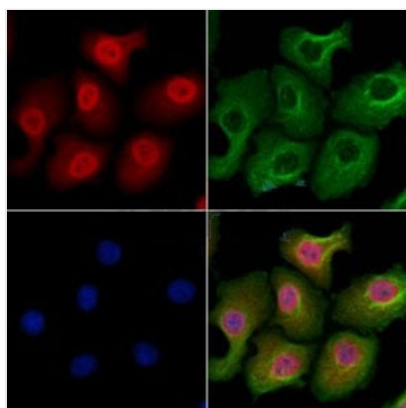
PRODUCT SYNONYMS

CDO1; Polyclonal Antibody; CDO1 Antibody; CDO 1; CDO; CDO I; CDO-I; Cdo1; CDO1_HUMAN; CDOI; Cysteine dioxygenase type 1; Cysteine dioxygenase type I; Cytosolic cysteine dioxygenase; anti-CDO1 antibody

PRODUCT SPECIFICATIONS

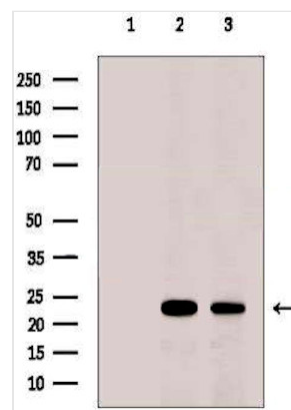
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CDO1 antibody detects endogenous levels of total CDO1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	219
Applicable Applications for anti-CDO1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CDO1, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



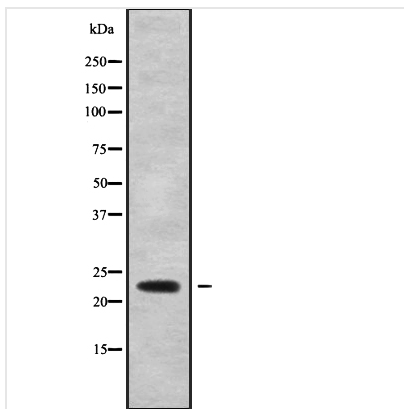
IF (Immunofluorescence)

AAA322760 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. Samples were then incubated with primary Ab(AAA322760) and mouse anti-beta tubulin Ab for 1 hour at 37 degree C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from various samples, using CDO1 Antibody. Lane 1: Hepg2 cells (heat-shock treatment), blocked with antigen-specific peptides. Lane 2: Hepg2 cells (heat-shock treatment). Lane 3: HeLa cells (heat-shock treatment).



WB (Western Blot)
Western blot analysis of CDO1 using HeLa whole cell lysates

NCBI AND UNIPROT INFORMATION

NCBI GI #	1021312321
NCBI GeneID	1036
NCBI Accession #	NP_001310494.1
NCBI GenBank Nucleotide #	NM_001323565.1
UniProt Accession #	Q16878; P78513; Q6FHZ8; Q8TB64; B2RAK4
Molecular Weight	23 kDa
NCBI Official Full Name	cysteine dioxygenase type 1 isoform 1
NCBI Official Synonym Full Names	cysteine dioxygenase type 1
NCBI Official Symbol	CDO1
NCBI Official Synonym Symbols	CDO-I
NCBI Protein Information	cysteine dioxygenase type 1
UniProt Protein Name	Cysteine dioxygenase type 1
UniProt Gene Name	CDO1
UniProt Synonym Gene Names	CDO; CDO-I

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/cdo1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/322760>