

Rabbit ALG-2 Polyclonal Antibody | anti-ALG-2 antibody

Rabbit anti-ALG-2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA222945	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

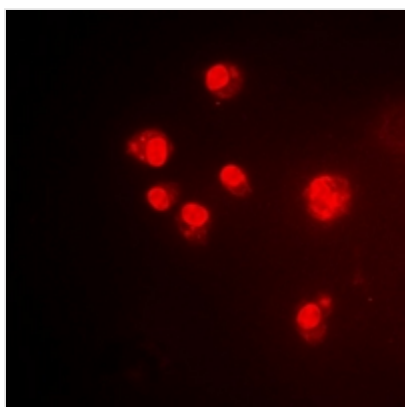
PRODUCT SYNONYMS

ALG-2; Polyclonal Antibody; Rabbit anti-ALG-2 Antibody; ALG2; Programmed cell death protein 6; Apoptosis-linked gene 2 protein; Probable calcium-binding protein ALG-2; anti-ALG-2 antibody

PRODUCT SPECIFICATIONS

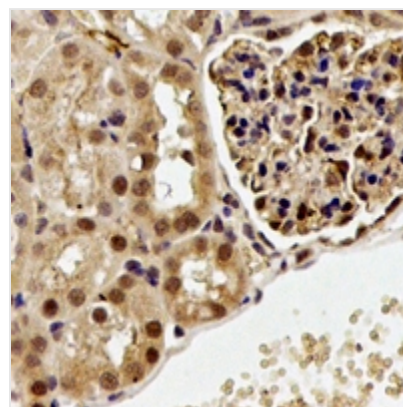
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-ALG-2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human ALG-2
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



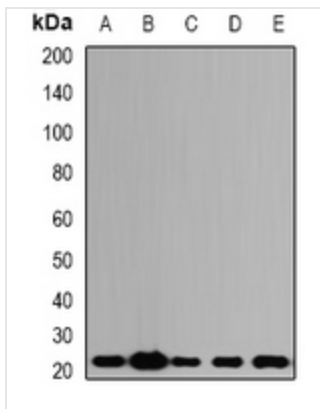
IF (Immunofluorescence)

Immunofluorescent analysis of ALG-2 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of ALG-2 staining in rat kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of ALG-2 expression in SW620 (A), HepG2 (B), mouse kidney (C), mouse lung (D), rat ovary (E) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ALG-2 antibody

Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	389565489
NCBI GeneID	10016
NCBI Accession #	NP_001254488.1
NCBI GenBank Nucleotide #	NM_001267559.1
UniProt Accession #	O75340; P12815
Molecular Weight	21,868 Da
NCBI Official Full Name	programmed cell death protein 6 isoform 5
NCBI Official Synonym Full Names	programmed cell death 6
NCBI Official Symbol	PDCD6
NCBI Official Synonym Symbols	ALG-2; PEF1B
NCBI Protein Information	programmed cell death protein 6; apoptosis-linked gene 2 protein; probable calcium-binding protein ALG-2
UniProt Protein Name	Programmed cell death protein 6
UniProt Gene Name	PDCD6
UniProt Synonym Gene Names	ALG2
UniProt Entry Name	PDCD6_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/alg-2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/222945>