

Rabbit anti-Human UBA2 Polyclonal Antibody | anti-UBA2 antibody

Rabbit anti-UBA2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA220377	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

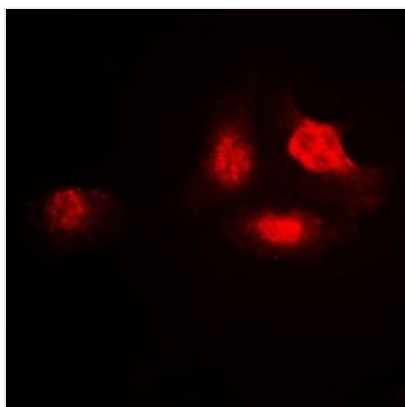
PRODUCT SYNONYMS

UBA2; Polyclonal Antibody; Rabbit anti-UBA2 Antibody; SAE2; UBLE1B; SUMO-activating enzyme subunit 2; Anthracycline-associated resistance ARX; Ubiquitin-like 1-activating enzyme E1B; Ubiquitin-like modifier-activating enzyme 2; anti-UBA2 antibody

PRODUCT SPECIFICATIONS

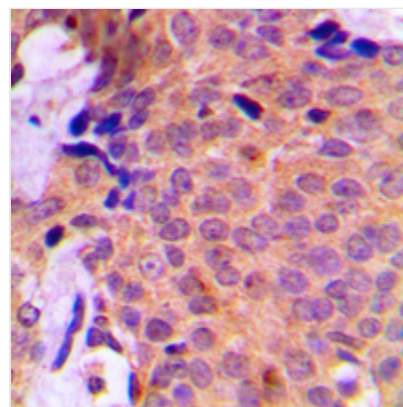
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-UBA2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human UBA2. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



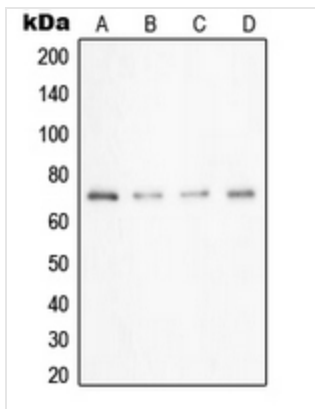
IF (Immunofluorescence)

Immunofluorescent analysis of UBA2 staining in A549 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 UBA2 staining in human breast cancer 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 UBA2 expression in A549 (A), Caco2 (B), HeLa (C), HepG2 (D) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-UBA2 antibody

Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885649
NCBI GeneID	10054
NCBI Accession #	NP_005490.1
NCBI GenBank Nucleotide #	NM_005499.2
UniProt Accession #	Q9UBT2; O95605; Q59H87; Q6IBP6; Q9NTJ1; Q9UED2
Molecular Weight	71,224 Da
NCBI Official Full Name	SUMO-activating enzyme subunit 2
NCBI Official Synonym Full Names	ubiquitin-like modifier activating enzyme 2
NCBI Official Symbol	UBA2
NCBI Official Synonym Symbols	ARX; SAE2; HRIHFB2115
NCBI Protein Information	SUMO-activating enzyme subunit 2; SUMO1 activating enzyme subunit 2; SUMO-1 activating enzyme subunit 2; ubiquitin-like 1-activating enzyme E1B; anthracycline-associated resistance ARX; UBA2, ubiquitin-activating enzyme E1 homolog
UniProt Protein Name	SUMO-activating enzyme subunit 2
UniProt Gene Name	UBA2
UniProt Synonym Gene Names	SAE2; UBLE1B
UniProt Entry Name	SAE2_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/uba2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/220377>