

Rabbit anti-Human Uba2 Polyclonal Antibody | anti-Uba2 antibody

Uba2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303361	Rabbit	Human	Immunohistochemistry, Western Blot

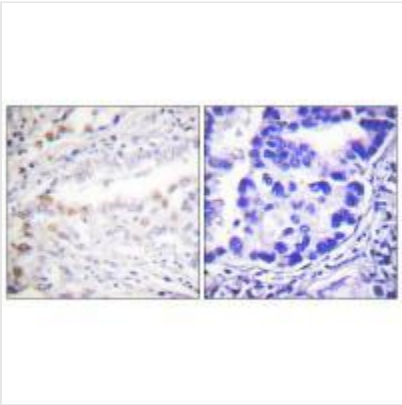
PRODUCT SYNONYMS

Uba2; Polyclonal Antibody; Uba2 Antibody; ANTHRACYCLINE-associated resistance ARX; ARX; EC 6.3.2.-; SUMO-1 activating enzyme subunit 2; UBA2; anti-Uba2 antibody

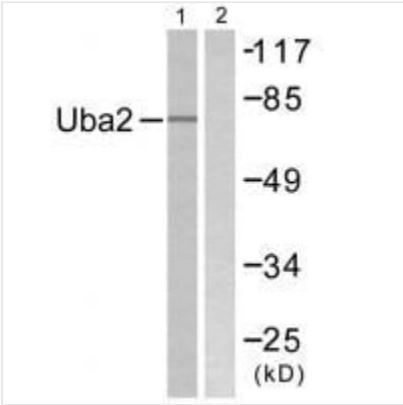
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Uba2 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	640
Applicable Applications for anti-Uba2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from C-terminal of human Uba2.
Target Name	Uba2
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using Uba2 antibody.



WB (Western Blot)
Western blot analysis of extracts from 293 cells, treated with UV (5mins), using Uba2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-Uba2 antibody	The heterodimer acts as a E1 ligase for SUMO1, SUMO2, SUMO3, and probably SUMO4. It mediates ATP-dependent activation of SUMO proteins followed by formation of a thioester bond between a SUMO protein and a conserved active site cysteine residue on UBA2/SAE2.Mark H. L. Lambermon, Mol. Cell. Biol., Jun 2002; 22: 4346 - 4357. Kyoung-Seok Ryu, J. Biol. Chem., Sep 2003; 278: 36621 - 36627. R. Jrgen Dohmen, J. Biol. Chem., Jul 1995; 270: 18099. Yoshiaki Azuma, FASEB J, Jun 2001; 10.1096.
Product Categories/Family for anti-Uba2 antibody	Total protein Ab

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; B3KWB9
Molecular Weight	60,839 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
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.

