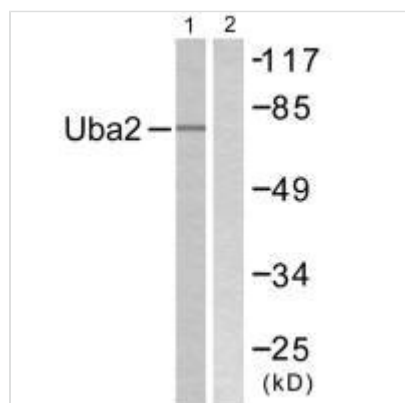




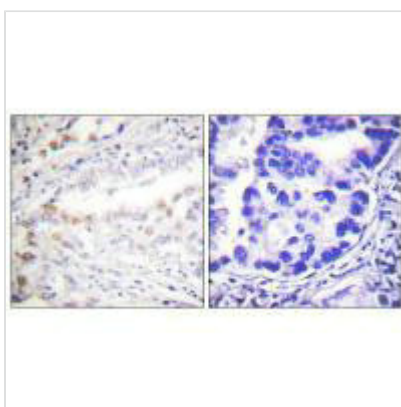
UBA2 Antibody

Product Code	CSB-PA096056
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q9UBT2
Immunogen	Synthesized peptide derived from C-terminal of Human Uba2.
Raised In	Rabbit
Species Reactivity	Human
Specificity	The antibody detects endogenous levels of total Uba2 protein.
Tested Applications	ELISA, WB, IHC; WB: 1:500-1:3000, IHC: 1:50-1:100
Relevance	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.
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	ANTHRACYCLINE-associated resistance ARX; ARX; EC 6.3.2.-; SUMO-1 activating enzyme subunit 2; UBA2
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	UBA2

Image



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



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using Uba2 antibody.