

UBA3 Rabbit mAb

Catalog No: #60125

Package Size: #60125-1 50ul #60125-2 100ul

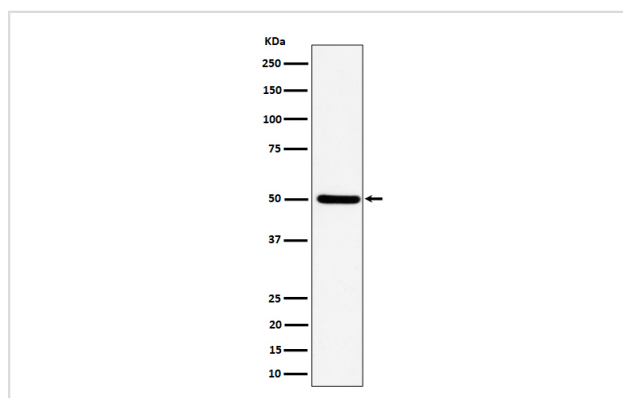
Description

Product Name	UBA3 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB
Species Reactivity	Human Mouse Rat
Specificity	UBA3 Antibody detects endogenous levels of total UBA3
Immunogen Description	A synthesized peptide derived from human UBA3
Other Names	hUba3; NEDD8 activating enzyme E1C; uba3; UBE1C;
Accession No.	Uniprot:Q8TBC4
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB 1:500~1:2000

Images



Western blot analysis of UBA3 expression in HeLa cell lysate.

Background

Catalytic subunit of the dimeric UBA3-NAE1 E1 enzyme. E1 activates NEDD8 by first adenylating its C-terminal glycine residue with ATP, thereafter linking this residue to the side chain of the catalytic cysteine, yielding a NEDD8-UBA3 thioester and free AMP. E1 finally transfers NEDD8 to the catalytic cysteine of UBE2M. Down-regulates steroid receptor activity. Necessary for cell cycle progression.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.