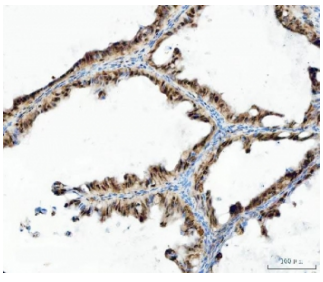
UBA6 Antibody / UBE1L2 (RQ7439)

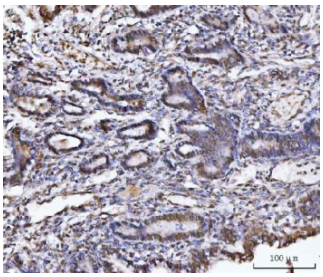
Catalog No.	Formulation	Size
RQ7439	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

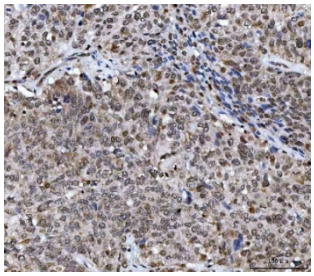
Availability	1-3 business days
Species Reactivity	Human, Monkey, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	A0AVT1
Localization	Cytoplasmic
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This UBA6 antibody is available for research use only.



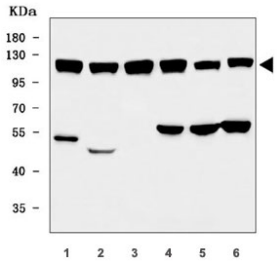
IHC staining of FFPE human ovarian cancer tissue with UBA6 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



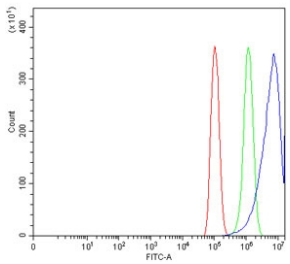
IHC staining of FFPE human cervical cancer tissue with UBA6 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human lung squamous cell carcinoma tissue with UBA6 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) human MOLT-4, 2) human MCF7, 3) monkey COS-7, 4) rat testis, 5) rat C6 and 6) mouse NIH 3T3 cell lysate with UBA6 antibody. Predicted molecular weight ~118 kDa with isoforms of ~66 kDa, ~43 kDa and ~38 kDa.



Flow cytometry testing of human PC-3 cells with UBA6 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= UBA6 antibody.

Description

Modification of proteins with ubiquitin (UBB; MIM 191339) or ubiquitin-like proteins controls many signaling networks and requires a ubiquitin-activating enzyme (E1), a ubiquitin conjugating enzyme (E2), and a ubiquitin protein ligase (E3). UBA6/UBE1L2 is an E1 enzyme that initiates the activation and conjugation of ubiquitin-like proteins.

Application Notes

Optimal dilution of the UBA6 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids I85-D1033) was used as the immunogen for the UBA6 antibody.

Storage

After reconstitution, the UBA6 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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