Rabbit UBC Polyclonal Antibody | anti-UBC antibody

UBC

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA37197	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

UBC; Polyclonal Antibody; HMG20; ubiquitin C; anti-UBC antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	685
Applicable Applications for anti-UBC antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human UBC (NP_066289.3).
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescence analysis of U2OS cells using UBC antibody (AAA37197) at dilution of 1:100. Blue: DAPI for nuclear staining.

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human esophageal cancer using UBC antibody (AAA37197) at dilution of 1:100 (40x lens).

IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded mouse brain using UBC antibody (AAA37197) at dilution of 1:100 (40x lens).

IHC (Immunohiostchemistry)
Immunohistochemistry of para?n-embedded rat liver using UBC antibody (AAA37197) at dilution of 1:100 (40x lens).

WB (Western Blot)
Western blot analysis of extracts of various cell lines, using UBC antibody (AAA37197) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-UBC antibody	This gene represents a ubiquitin gene, ubiquitin C. The encoded protein is a polyubiquitin precursor. Conjugation of ubiquitin monomers or polymers can lead to various effects within a cell, depending on the residues to which ubiquitin is conjugated. Ubiquitination has been associated with protein degradation, DNA repair, cell cycle regulation, kinase modification, endocytosis, and regulation of other cell signaling pathways.

NCBI AND UNIPROT INFORMATION

NCBI GI #	67191208
NCBI GeneID	7316
NCBI Accession #	NP_066289.2
NCBI GenBank Nucleotide #	NM_021009.5
UniProt Accession #	P0CG48; P02248; P02249; P02250; P62988; Q29120; Q6LBL4; Q6LDU5; Q8WYN8; Q91887; Q91888; Q9BWD6
Molecular Weight	Calculated MW: 77kDa Observed MW: 12-55kDa
NCBI Official Full Name	polyubiquitin-C
NCBI Official Synonym Full Names	ubiquitin C
NCBI Official Symbol	UBC
NCBI Official Synonym Symbols	HMG20
NCBI Protein Information	polyubiquitin-C
UniProt Protein Name	Polyubiquitin-C
UniProt Gene Name	**UBC**
UniProt Entry Name	UBC_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/ubc-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/37197