

Anti-UBA1 antibody (959-1058) [S2MR] (STJ11102462)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

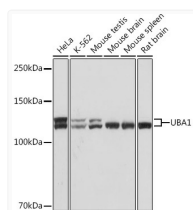
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:6000 IHC-P:1:100-1:1000 IF/ICC:1:100-1:400 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 118kDa Observed Mw: 110-118kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	7317
Gene Symbol	UBA1
UniProt ID	UBA1_HUMAN
Immunogen Region	959-1058
Immunogen Sequence	EVQGLQPNGEEMTLKQFLDY FKTEHKLEITMLSQGVSMY SFFMPAAKLKERLDQPMTEI VSRVSKRKLGRHVRALVLEL CCNDESGEDVEVPYVRYTIR
Specificity	A synthetic peptide corresponding to a sequence within amino acids 959-1058 of human UBA1 (P22314).

ADDITIONAL INFORMATION

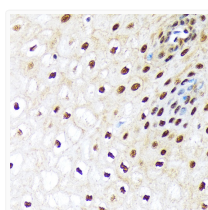
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



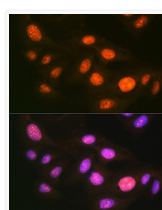
Western blot analysis of various lysates using UBA1 Rabbit mAb (STJ11102462) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.

Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 1s.



Immunohistochemistry analysis of paraffin-embedded Human esophageal tissue using UBA1 Rabbit mAb (STJ11102462) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to immunohistochemistry staining.



Confocal imaging of paraffin-embedded Human colon cancer tissue using UBA1 Rabbit mAb (STJ11102462, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (STJS001166, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.