

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

**GENERAL INFORMATION**

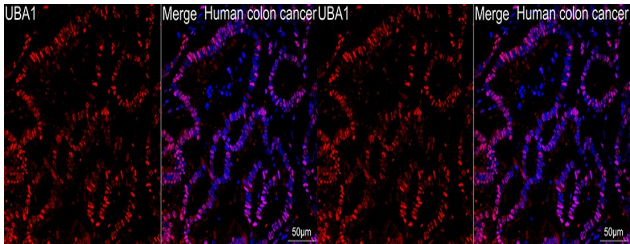
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IHC-P/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

**PRODUCT PROPERTIES**

<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	S2MR
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:1000-1:6000 IHC-P:1:100-1:1000 IF/ICC:1:100-1:400 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

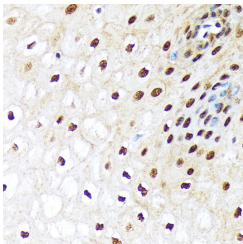
**TARGET INFORMATION**

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

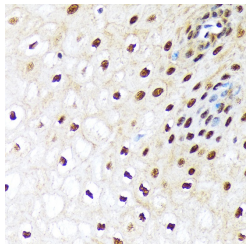


Western blot analysis of extracts of various cell lines, using UBA1 rabbit monoclonal antibody (STJ11102462) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.

Confocal imaging of a paraffin-embedded Human colon cancer tissue using UBA1 Rabbit monoclonal antibody (STJ11102462; dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (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.



Immunohistochemistry of paraffin-embedded human esophageal using UBA1 rabbit monoclonal antibody (STJ11102462) at dilution of 1:100 (40x lens).



Immunohistochemistry analysis of UBA1 in paraffin-embedded human esophageal using UBA1 Rabbit monoclonal antibody (STJ11102462) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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