

Anti-MUT antibody (451-750) (STJ24646)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

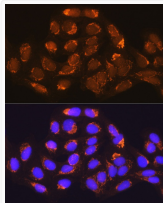
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 83kDa Observed Mw: 83kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

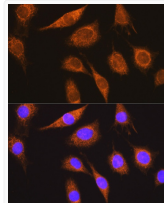
Gene ID	4594
Gene Symbol	MMUT
UniProt ID	MUTA_HUMAN
Immunogen Region	451-750
Immunogen Sequence	EMGGMAKAVAEGIPKLRIEE CAARROARIDSGSEVIVGVN KYQLEKEDAVEVLADNTSV RNRQIEKLLKIKSSRDQALA ERCLAALTECAASGDGNILA LAVDASFRARCTVGEITDALK KVFGEHKANDRMVSGAYRQE FGESKEITSAIKRVHFKFMER EGRRPRLLVAKMGQDGHDRG AKVIATGFADLGFVDVIGPL FQTPREVAQQAVDADVHAVG ISTLAAGHKTLVPELIKEL
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 451-750 of human MUT (NP_000246.2).

ADDITIONAL INFORMATION

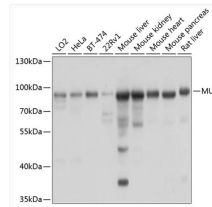
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Immunofluorescence analysis of U-2 OS cells using MUT Rabbit polyclonal antibody (STJ24646) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using MUT Rabbit polyclonal antibody (STJ24646) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using MUT antibody (STJ24646) at 1:1000 dilution. Secondary antibody: HRP 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: 3s.