

Anti-TUFM antibody (186-455) (STJ28506)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

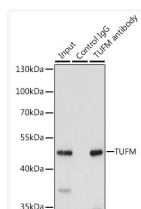
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:10-1:100 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specif
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 50kDa Observed Mw: 49kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

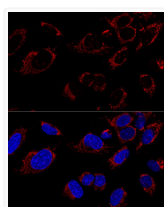
Gene ID	7284
Gene Symbol	TUFM
UniProt ID	EFTU_HUMAN
Immunogen Region	186-455
Immunogen Sequence	ADAVQDSEMVELVELEIREL LTFEGYKGEETPVIVGSALC ALEGRDPELGLKSVQKLLDA VDYIPVPARDLEKPFLLPV EAVYSVPGRGTVTGTLEGR ILKKGDECELLGHSKNIRTV VTGIEMFHKSLERAEAGDNL GALVRGLKREDLRRGLVMVK PGSIKPHQKVEAQVYILSKE EGGRHKPFVSHFMPVMSLT WDMACRIILPPEKELAMPGE DLKFNLIILRQPMILEKGQR
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 186-455 of human TUFM (NP_003312.3).

ADDITIONAL INFORMATION

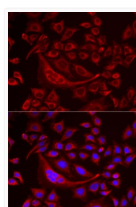
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



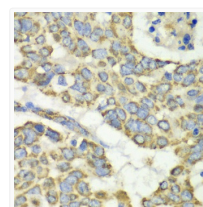
Immunoprecipitation analysis of 200 Mu g extracts of 293T cells, using 3 Mu g TUFM antibody (STJ28506). Western blot was performed from the immunoprecipitate using TUFM antibody (STJ28506) at a dilution of 1:1000.



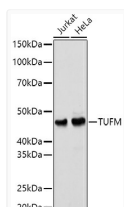
Confocal immunofluorescence analysis of U2OS cells using TUFM Rabbit polyclonal antibody (STJ28506) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of MCF7 cells using TUFM Rabbit polyclonal antibody (STJ28506). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of TUFM in paraffin-embedded human esophageal cancer using TUFM Rabbit polyclonal antibody (STJ28506) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using TUFM Rabbit polyclonal antibody (STJ28506) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.