

Anti-ACTN1 antibody (1-330) (STJ22500)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

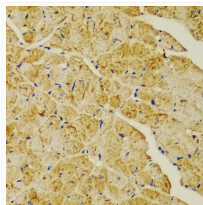
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 103kDa Observed Mw: 103kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

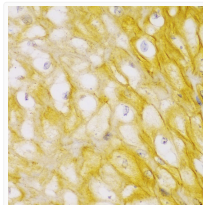
Gene ID	87
Gene Symbol	ACTN1
UniProt ID	ACTN1_HUMAN
Immunogen Region	1-330
Immunogen Sequence	MDHYDSQQTNDYMQPEEDWD RDLLDPAWEKQQRKTFW CNSHLRKAGTQIENIEEDFR DGLKMLLLEVISGERLAKP ERGKMRVHKISNVNKALDFI ASKGVKLVSIGAEEIVDGNV KMTLGMIIWIIILRFAIQDIS VEETSAKEGLLLWCQRKTAP YKNVNIQNFHISWKDGLGFC ALIHRRPELIDYGKLRKDD PLTNLNTAFDVAEKYLDIPK MLDAEDIVGTARPDEKAIM
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-330 of human ACTN1 (NP_001123477.1).

ADDITIONAL INFORMATION

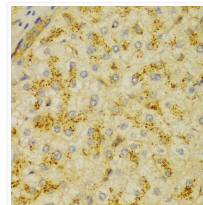
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



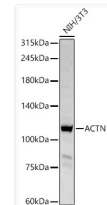
Immunohistochemistry analysis of paraffin-embedded mouse heart using ACTN1 antibody (STJ22500) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human esophagus using ACTN1 antibody (STJ22500) 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.



Immunohistochemistry analysis of paraffin-embedded human liver cancer using ACTN1 antibody (STJ22500) 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 NIH/3T3, using ACTN1 antibody (STJ22500) at 1:900 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.