

Anti-ANGPT1 antibody (280-498) (STJ110187)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

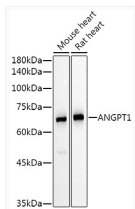
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:100 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 58kDa Observed Mw: 70kDa
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	284
Gene Symbol	ANGPT1
UniProt ID	ANGP1_HUMAN
Immunogen Region	280-498
Immunogen Sequence	REEEKPFPRDCADVYQAGFNK SGIYTIYINNMPPEKKVFCN MDVNGGGWTVIQHREDGSLD FQGWKEYKMGFGNPSGEYW LGNEFIFAITSQRQYMLRIE LMDWEGNRAYSQYDRFHIGN EKQNYRLYLKGGHTGTAGKQS SLIHGADFSTKDADNDNCM CKCALMLTGGWWFDACGPSN LNGMFYTAGQNHGKLNIGIKW HYFKGPSYSLRSTTMMIRPL DF
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 277-498 of human ANGPT1 (NP_001137.2).

ADDITIONAL INFORMATION

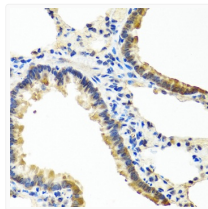
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



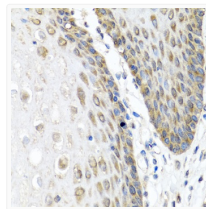
Western blot analysis of various lysates using ANGPT1 Rabbit pAb (STJ110187) at 1:500 dilution.

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

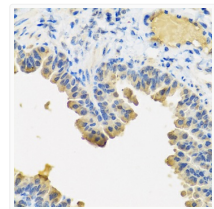
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded Rat lung using ANGPT1 Rabbit pAb (STJ110187) at dilution of 1:100 (40x lens).
Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Human esophagus using ANGPT1 Rabbit pAb (STJ110187) at dilution of 1:100 (40x lens).
Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Mouse lung using ANGPT1 Rabbit pAb (STJ110187) at dilution of 1:100 (40x lens).
Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.