

A3757

Leader in Biomolecular Solutions for Life Science



ANGPT1 Rabbit mAb

Catalog No.: A3757 **Recombinant**

Basic Information

Observed MW

70kDa

Calculated MW

58kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human,Mouse,Rat

CloneNo number

ARC0248

Background

This gene encodes a secreted glycoprotein that belongs to the angiotensin family. Members of this family play important roles in vascular development and angiogenesis. All angiotensins bind with similar affinity to an endothelial cell-specific tyrosine-protein kinase receptor. The protein encoded by this gene is a secreted glycoprotein that activates the receptor by inducing its tyrosine phosphorylation. It plays a critical role in mediating reciprocal interactions between the endothelium and surrounding matrix and mesenchyme and inhibits endothelial permeability. The protein also contributes to blood vessel maturation and stability, and may be involved in early development of the heart. Mutations in this gene are associated with hereditary angioedema.

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200

Immunogen Information

Gene ID	Swiss Prot
284	Q15389

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 200-300 of human ANGPT1 (Q15389).

Synonyms

AGP1; AGPT; ANG1; HAE5; AGPT-1; ANGPT1

Contact



www.abclonal.com

Product Information

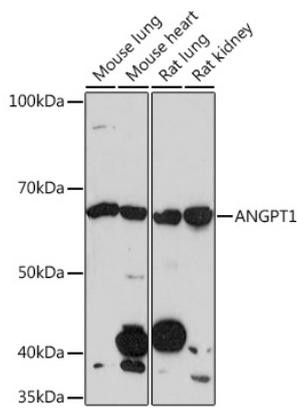
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using ANGPT1 Rabbit mAb (A3757) at 1:1000 dilution.

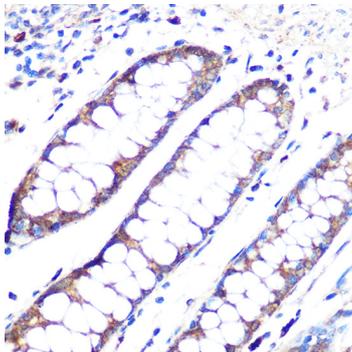
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

Exposure time: 3min.



Immunohistochemistry analysis of paraffin-embedded human colon using ANGPT1 Rabbit mAb (A3757) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.