

Anti-ACTN1 Antibody

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS18578

Product Information

Application	WB, IHC-P
Primary Accession	P12814
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	103058

Additional Information

Gene ID	87
Alias Symbol	ACTN1
Other Names	ACTN1, Alpha-actinin-1, Actinin 1 smooth muscle, Actinin, alpha 1, F-actin cross-linking protein, Non-muscle alpha-actinin-1, ASMA
Target/Specificity	Human ACTN1
Reconstitution & Storage	Affinity purified
Precautions	Anti-ACTN1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ACTN1
Function	F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. Association with IGSF8 regulates the immune synapse formation and is required for efficient T- cell activation (PubMed: 22689882).
Cellular Location	Cytoplasm, cytoskeleton. Cytoplasm, myofibril, sarcomere, Z line. Cell membrane. Cell junction {ECO:0000250 UniProtKB:Q9Z1P2}. Cell projection, ruffle {ECO:0000250 UniProtKB:Q7TPR4}. Note=Colocalizes with MYO22 and PPP3CA at the Z-line of heart and skeletal muscle. Colocalizes with PSD in membrane ruffles and central reticular structures {ECO:0000250 UniProtKB:Q7TPR4}

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.