

Rabbit anti-Human, Pig Actinin Alpha 4 Polyclonal Antibody | anti-ACTN4 antibody

Polyclonal Antibody to Actinin Alpha 4 (ACTN4)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20878	Rabbit	Human, Pig	Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

Actinin Alpha 4; Polyclonal Antibody; Polyclonal Antibody to Actinin Alpha 4 (ACTN4); anti-ACTN4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against ACTN4. It has been selected for its ability to recognize ACTN4 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	0.39mg/ml (varies by lot)
Sequence Length	884
Applicable Applications for anti-ACTN4 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	Western blotting: 0.5-2ug/ml Immunocytochemistry in formalin fixed cells: 5-20ug/ml Immunohistochemistry in formalin fixed frozen section: 5-20ug/ml Immunohistochemistry in paraffin section: 5-20ug/ml Enzyme-linked Immunosorbent Assay: 0.05-2ug/ml Optimal working dilutions must be determined by end user.
Fragment	ACTN4 (Met1~Ser269)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Pig
Conjugate	No Conjugate
Immunogen	Recombinant ACTN4 (Met1~Ser269) expressed in E Coli.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



KO (Knockout Validation)

Knockout Validation: Lane 1: Wild-type MCF7 cell lysate;;Lane 2: ACTN4 knockout MCF7 cell lysate;;Predicted MW: 104,79,59kDa ;Observed MW: 104kDa;Primary Ab: 3ug/ml Rabbit Anti-Human ACTN4 Antibody;Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;(Human.



WB (Western Blot)

Western Blot: Lane1: Human MCF-7 Cells; Lane2: Porcine Liver Tissue; Lane3: Human Hela Cells.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ACTN4 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12025678
NCBI GeneID	81
NCBI Accession #	NP_004915.2
NCBI GenBank Nucleotide #	NM_004924.5
UniProt Accession #	O43707; O76048; A4K467; D6P XK4
Molecular Weight	59,579 Da
NCBI Official Full Name	alpha-actinin-4 isoform 1
NCBI Official Synonym Full Names	actinin alpha 4
NCBI Official Symbol	ACTN4
NCBI Official Synonym Symbols	FSGS; FSGS1; ACTININ-4
NCBI Protein Information	alpha-actinin-4
UniProt Protein Name	Alpha-actinin-4
UniProt Gene Name	ACTN4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/actinin-alpha-4-antibody-western-blot-immunocytochemistry-immunohistochemistry-elisa/20878>