

ACTL8 recombinant antibody

Recombinant Anti-ACTL8 Rabbit mAb

CATALOG # AAA266292	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunocytochemistry, Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

ACTL8; Monoclonal Recombinant Antibody; Recombinant Anti-ACTL8 Rabbit mAb; Alpha-actinin-4; F-actin cross-linking protein; Non-muscle alpha-actinin 4; ACTL8 recombinant antibody

PRODUCT SPECIFICATIONS

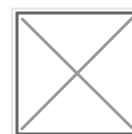
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of ACTL8 protein
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS, pH7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Applicable Applications for ACTL8 recombinant antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human ACTL8. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of ACTL8 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of ACTL8 expression in A549 (A), Hela (B), HepG2 (C), mouse liver (D), rat liver (E) whole cell lysates. (Predicted band size: 104 kD; Observed band size: 105 kD)

ADDITIONAL INFORMATION

Related Product Information for ACTL8 recombinant antibody	Recombinant rabbit monoclonal antibody to ACTL8
Product Categories/Family for ACTL8 recombinant antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	13123943
NCBI GeneID	81
UniProt Accession #	O43707; P57780; Q9QXQ0
Molecular Weight	911
NCBI Official Full Name	Alpha-actinin-4
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; actinin alpha4 isoform; non-muscle alpha-actinin 4; F-actin cross-linking protein; focal segmental glomerulosclerosis 1
UniProt Protein Name	Alpha-actinin-4
UniProt Gene Name	ACTN4
UniProt Entry Name	ACTN4_HUMAN

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/monoclonal/actl8-recombinant-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/266292>