

Anti-Actinin-Alpha 1/2/3/4 antibody (40-120 N-Term) (STJ91466)

STJ91466

GENERAL INFORMATION

Product Type	Primary antibodies
Short Description	Rabbit polyclonal antibody anti-Alpha-actinin-1 and Alpha-actinin-2 and Alpha-actinin-3 and Alpha-actinin-4 (40-120 N-Term) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and ELISA research applications.
Applications	WB, IHC-P, IF-P, ELISA
Host/Source	Rabbit
Reactivity	Human, Mouse, Rat

PRODUCT PROPERTIES

Clonality	Polyclonal
Clone ID	
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
Dilution Range	WB 1:500-1:2000 IHC 1:100-1:300 ELISA 1:20000
Formulation	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

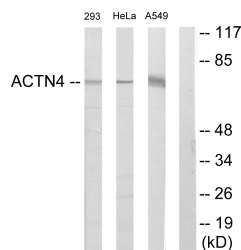
TARGET INFORMATION

Gene ID [88](#)
[89](#)
[87](#)
[ACTN2](#)
[ACTN3](#)
[ACTN2_HUMAN](#)
[ACTN3_HUMAN](#)
[ACTN1_HUMAN](#)

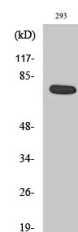
Immunogen The antiserum was produced against synthesized peptide derived from human ACTN1/2/3/4 at amino acid range 21-70
Immunogen Region 40-120 N-Term

Specificity Actinin-Alpha 1/2/3/4 polyclonal antibody (Alpha-actinin-1 and Alpha-actinin-2 and Alpha-actinin-3 and Alpha-actinin-4) binds to endogenous Alpha-actinin-1 and Alpha-actinin-2 and Alpha-actinin-3 and Alpha-actinin-4 at the amino acid region 40-120 N-

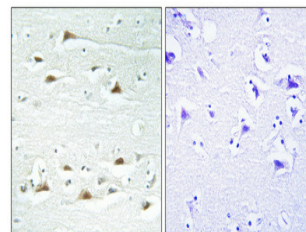
Immunogen Sequence



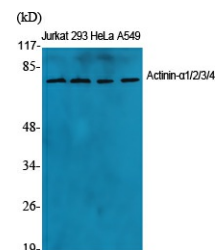
Western blot analysis of lysates from 293, HeLa, and A549 cells, using ACTN1/2/3/4 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of A549 cells using Actinin-Alpha 1/2/3/4 Polyclonal Antibody diluted at 1:1000



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4°C overnight). High-pressure and temperature Tris-EDTA, pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



Western blot analysis of various cells using Actinin-Alpha 1/2/3/4 Polyclonal Antibody diluted at 1:1000

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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