

## Product Datasheet

### Actinin- $\alpha$ 1/2/3/4 rabbit pAb Antibody (orb764468)

<b>Catalog Number</b>	orb764468
<b>Category</b>	Antibodies
<b>Description</b>	Rabbit polyclonal antibody to Actinin-alpha1/2/3/4
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Concentration</b>	1 mg/ml
<b>Buffer/Preservatives</b>	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human ACTN1/2/3/4. AA range:21-70
<b>UniProt ID</b>	<b>O43707, P12814, Q08043, P35609</b>
<b>MW</b>	75
<b>Tested applications</b>	ELISA, IF, IHC, WB
<b>Dilution range</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
<b>Source</b>	Rabbit

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**Storage**

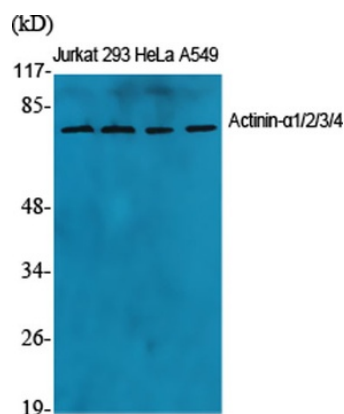
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Note**

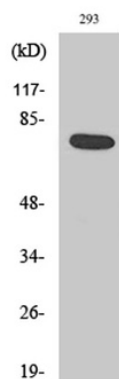
For research use only

**Expiration Date**

12 months from date of receipt.



Western Blot analysis of various cells using Actinin- $\alpha$ 1/2/3/4 Polyclonal Antibody diluted at 1:1000.



Western Blot analysis of A549 cells using Actinin- $\alpha$ 1/2/3/4 Polyclonal Antibody diluted at 1:1000.

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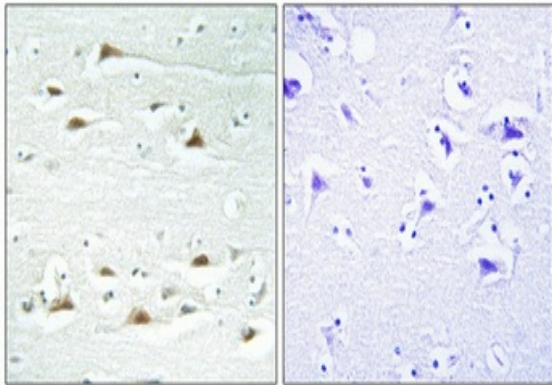
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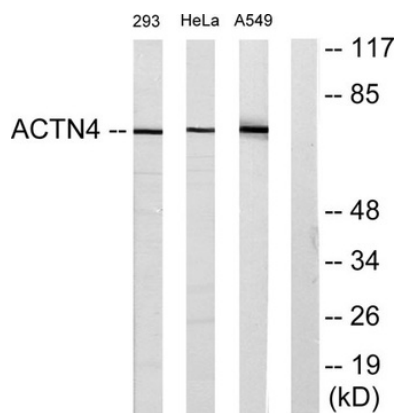
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Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4°C overnight). High-pressure and temperature Tris-EDTA, pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed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



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.

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