

Product datasheet for **TA329965**

Actn2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-ACTN2 antibody: synthetic peptide corresponding to a region of Mouse. Synthetic peptide located within the following region: IQSYSIRISSSNPYSTVTMDELRNKWDKVKQLVPVRDQSLQEELARQHAN
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	98 kDa
Gene Name:	actinin alpha 2
Database Link:	NP_150371 Entrez Gene 88 Human Q9JI91
Background:	The alpha-actinins are a multigene family of four actin-binding proteins related to dystrophin. The two skeletal muscle isoforms of alpha-actinin (ACTN2 and ACTN3) are major structural components of the Z-line involved in anchoring the actin-containing thin filaments. In humans, ACTN2 is expressed in all muscle fibres, while ACTN3 expression is restricted to a subset of type 2 fibres. Murine Actn2 and Actn3 are differentially expressed, spatially and temporally, during embryonic development and, in contrast to humans, alpha-actinin-2 expression does not completely overlap alpha-actinin-3 in postnatal skeletal muscle, suggesting independent function.



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Synonyms: CMD1AA

Note: Immunogen sequence homology: Rat: 100%; Mouse: 100%; Dog: 93%; Pig: 93%; Horse: 93%; Human: 93%; Bovine: 93%; Rabbit: 93%; Guinea pig: 93%; Zebrafish: 83%

Product images:



WB Suggested Anti-ACTN2 Antibody Titration:
0.625 ug/ml; ELISA Titer: 1:312500; Positive
Control: Human Muscle