

Product Datasheet

ACTN1/2/3/4 Rabbit Polyclonal Antibody (orb224153)

Catalog Number	orb224153
Category	Antibodies
Description	The ACTN1/2/3/4 Antibody is suitable for IHC, WB. It is a Polyclonal, Unconjugated antibody which raised against KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human ACTN1/2/3/4. The exact sequence is proprietary. Purification: The antibody was purified by immunogen affinity chromatography.
Target	ACTN1; ACTN2; ACTN3; ACTN4
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Bovine, Gallus, Human, Mouse, Rat, Zebrafish
Form/Appearance	Liquid
Buffer/Preservatives	0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purification	The antibody was purified by immunogen affinity chromatography.
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human ACTN1/2/3/4. The exact sequence is proprietary.
UniProt ID	Q9QXQ0, P57780, O43707, P35609, O88990, P12814, Q7TPR4, Q9Z1P2, Q9JI91, Q08043

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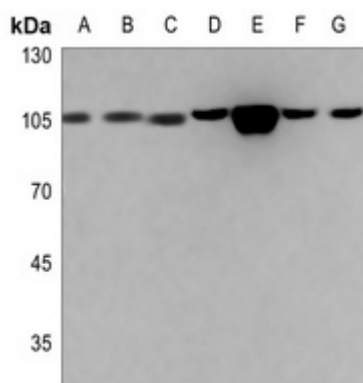
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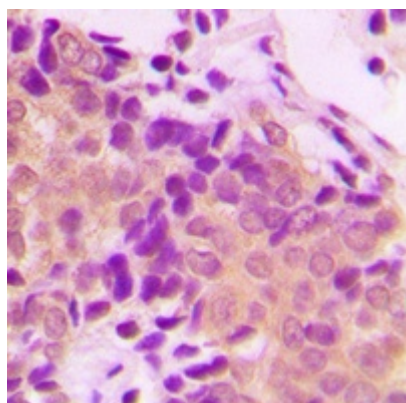
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Tested applications	IHC, WB
Dilution range	WB: 1:500-1:1000, IHC-P: 1:100-1:200, IP: 1:10-1:100
Specificity	Recognizes endogenous levels of ACTN1/2/3/4 protein.
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	87, 89, 60595, 11474, 11472, 81, 81634, 109711, 88, 63836
Expiration Date	12 months from date of receipt.



Western blot analysis of ACTN1/2/3/4 expression in A375 (A), U2OS (B), DLD (C), mouse heart (D), mouse muscle (E), rat heart (F), rat muscle (G) whole cell lysates. (Predicted band size: 103; 104 kD; Observed band size: 105 kD)



Immunohistochemical analysis of ACTN1/2/3/4 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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