antibodies - online.com







anti-ACTN1 antibody (N-Term)





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Quantity:	400 μL
Target:	ACTN1
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACTN1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This ACTN1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human ACTN1.
Clone:	RB21901
Isotype:	lg Fraction
Predicted Reactivity:	B, Pr, M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	ACTN1

Target Details

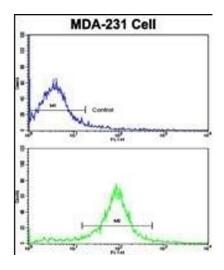
Alternative Name:	ACTN1 (ACTN1 Products)
Background:	ACTN1 is a F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein.
Molecular Weight:	103058
Gene ID:	87
NCBI Accession:	NP_001093, NP_001123476, NP_001123477
UniProt:	P12814
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

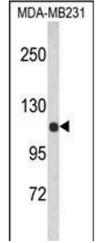
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



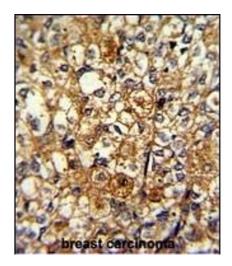
Flow Cytometry

Image 1. Flow cytometric analysis of MDA-231 cells using ACTN1 Antibody (N-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of ACTN1 Antibody (N-term) (ABIN652451 and ABIN2842306) in MDA-M cell line lysates (35 μ g/lane). ACTN1 (arrow) was detected using the purified Pab.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human breast carcinoma with ACTN1 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.