

Product datasheet for **TA812198AM**

Arp3 (ACTR3) Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI2B9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2B9
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 2-418 of human ACTR3 (NP_005712) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	47.2 kDa
Gene Name:	ARP3 actin-related protein 3 homolog (yeast)
Database Link:	NP_005712 Entrez Gene 74117 Mouse Entrez Gene 81732 Rat Entrez Gene 10096 Human P61158
Background:	The specific function of this gene has not yet been determined; however, the protein it encodes is known to be a major constituent of the ARP2/3 complex. This complex is located at the cell surface and is essential to cell shape and motility through lamellipodial actin assembly and protrusion. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Mar 2013]

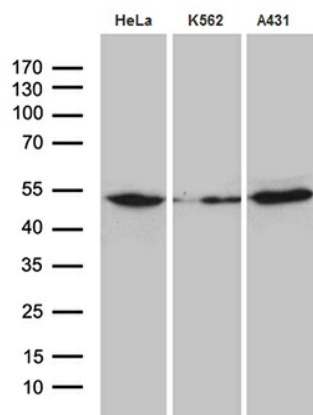


[View online »](#)

Synonyms: ARP3

Protein Families: Druggable Genome

Product images:



Western blot analysis of extracts (35ug) from 3 cell lines by using anti-ACTR3 monoclonal antibody (1:500).