

## Product datasheet for **TA338972**

### Arp2 (ACTR2) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-ACTR2 antibody: synthetic peptide directed towards the middle region of human ACTR2. Synthetic peptide located within the following region: RELKQLYLERVLKGDVEKLSKFKIRIEDPPRRKHMVFLGGAVLADIMKDK
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>
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	45 kDa
Gene Name:	ARP2 actin-related protein 2 homolog (yeast)
Database Link:	<a href="#">NP_001005386</a> <a href="#">Entrez Gene 66713 Mouse</a> <a href="#">Entrez Gene 10097 Human</a> <a href="#">P61160</a>
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. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]



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**Synonyms:** ARP2

**Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%; Yeast: 92%

**Protein Families:** Druggable Genome

### Product images:



WB Suggested Anti-ACTR2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive Control: 721\_B cell lysate. ACTR2 is strongly supported by BioGPS gene expression data to be expressed in Human 721\_B cells