

## Product datasheet for **TA302642**

### Amphiphysin (AMPH) Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:16,000. WB: 0.1-0.5µg/ml.
Reactivity:	Human, Mouse (Expected from sequence similarity: Rat, Dog)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-KRKDESRISKAE, from the internal region of the protein sequence according to NP_001626.1; NP_647477.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	76.1 kDa
Gene Name:	amphiphysin
Database Link:	<a href="#">NP_001626</a> <a href="#">Entrez Gene 60668 Rat</a> <a href="#">Entrez Gene 218038 Mouse</a> <a href="#">Entrez Gene 475877 Dog</a> <a href="#">Entrez Gene 273 Human</a> <a href="#">P49418</a>



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**Background:** This gene encodes a protein associated with the cytoplasmic surface of synaptic vesicles. A subset of patients with stiff-man syndrome who were also affected by breast cancer are positive for autoantibodies against this protein. Alternate splicing of this gene results in two transcript variants encoding different isoforms. Additional splice variants have been described, but their full length sequences have not been determined. [provided by RefSeq]

**Synonyms:** AMPH1

**Protein Families:** Secreted Protein

**Protein Pathways:** Fc gamma R-mediated phagocytosis

**Product images:**



TA302642 (0.5ug/ml) staining of mouse brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.