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Product datasheet for TA302461

DAP Kinase 2 (DAPK2) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1-3µg/ml.
Reactivity:	Human, Mouse (Expected from sequence similarity: Rat, Dog, Pig)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-KALHPRRRSSTS, from the C Terminus of the protein sequence according to NP_055141.
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:	46524 Da
Gene Name:	death associated protein kinase 2
Database Link:	NP_055141 Entrez Gene 13143 MouseEntrez Gene 300799 RatEntrez Gene 610682 DogEntrez Gene 23604 Human Q9UIK4

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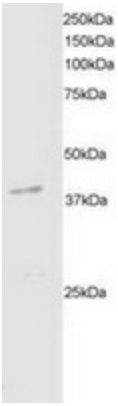
Background: This gene encodes a protein that belongs to the serine/threonine protein kinase family. This protein contains a N-terminal protein kinase domain followed by a conserved calmodulin-binding domain with significant similarity to that of death-associated protein kinase 1 (DAPK1), a positive regulator of programmed cell death. Overexpression of this gene was shown to induce cell apoptosis. It uses multiple polyadenylation sites. [provided by RefSeq]

Synonyms: DRP-1; DRP1

Protein Families: Druggable Genome, Protein Kinase

Protein Pathways: Bladder cancer, Pathways in cancer

Product images:



TA302461 staining (2ug/ml) of mouse brain extracts (RIPA buffer, 35ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.