

## Product datasheet for **TA338986**

### MAP4K1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-MAP4K1 antibody: synthetic peptide directed towards the N terminal of human MAP4K1. Synthetic peptide located within the following region: VHPLRVFLMTKSGYQPPRLKEKGKWSAAFHNFIKVTLTSPKRRPSATK
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:	90 kDa
Gene Name:	mitogen-activated protein kinase kinase kinase kinase 1
Database Link:	<a href="#">NP_001036065</a> <a href="#">Entrez Gene 11184 Human Q92918</a>
Background:	MAP4K1 belongs to the protein kinase superfamily, STE Ser/Thr protein kinase family, STE20 subfamily. MAP4K1 may play a role in the response to environmental stress. It appears to act upstream of the JUN N-terminal pathway. MAP4K1 may play a role in hematopoietic lineage decisions and growth regulation.
Synonyms:	HPK1



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**Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 93%; Guinea pig: 93%; Zebrafish: 83%

**Protein Families:** Druggable Genome, Protein Kinase

**Protein Pathways:** MAPK signaling pathway

### Product images:



WB Suggested Anti-MAP4K1 Antibody Titration: 0.2-1 ug/ml; Positive Control: 721\_B cell lysate. MAP4K1 is strongly supported by BioGPS gene expression data to be expressed in Human 721\_B cells