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Product datasheet for TA345050

NLK 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-NLK antibody: synthetic peptide directed towards the middle region of human NLK. Synthetic peptide located within the following region: RLRYHTCMCKCCFSTSTGRVYTSDFEPVTNPKFDDTFEKNLSSVRQVKEI
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	58 kDa
Gene Name:	nemo like kinase
Database Link:	NP_057315 Entrez Gene 51701 Human Q9UBE8
Background:	NLK has a role in cell fate determination, required for differentiation of bone marrow stromal cells. NLK acts downstream of MAP3K7 and HIPK2 to negatively regulate the canonical Wnt/beta-catenin signaling pathway and the phosphorylation and destruction of the MYB transcription factor. NLK may suppress a wide range of transcription factors by phosphorylation of the coactivator, CREBBP By similarity.NLK is involved in TGFbeta-mediated mesoderm induction, acting downstream of MAP3K7/TAK1 to phosphorylate STAT3.

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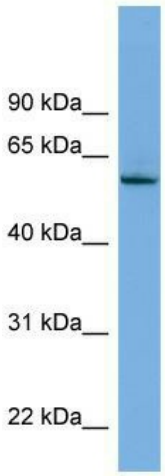
Synonyms: DKFZp761G1211; FLJ21033

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

Protein Families: Druggable Genome, Protein Kinase, Transcription Factors

Protein Pathways: Adherens junction, MAPK signaling pathway, Wnt signaling pathway

Product images:



WB Suggested Anti-NLK Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive Control: 293T cell lysate