

Product datasheet for **TA319262**

NEK2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:2,000 - 1:10,000, WB: 1:500 - 1:2,000, IF: User Optimized
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding aa 287-299 of Human NEK2 protein.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	NIMA related kinase 2
Database Link:	NP_001191111 Entrez Gene 4751 Human P51955
Synonyms:	HsPK21; NEK2A; NLK1; PPP1R111; RP67
Note:	NEK2, also called serine/threonine-protein kinase Nek2NimA-related protein kinase 2, NimA-like protein kinase 1 and HSPK 21, is a protein kinase involved in mitotic regulation that may have a role at the G ₂ -M transition and may also play a role in meiosis. NEK2 has a nuclear localization and accumulates throughout S phase and shows maximal levels in late G ₂ . This expression pattern is highly reminiscent of that of A and B cyclins.
Protein Families:	Druggable Genome, Protein Kinase



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Product images:

Western blot analysis is shown using Affinity Purified anti-NEK2 antibody to detect endogenous protein present in an unstimulated mouse A-20 whole cell lysate (arrowhead). Comparison to a molecular weight marker indicates a band of ~52 kDa corresponding to NEK2 protein. The blot was incubated with a 1:500 dilution of the antibody at room temperature followed by detection using standard techniques. Personal communication Steven Pelech, Kinexus Inc.