

Immunotag™ NEK3 Antibody

Antibody Specification	
Catalog No.	ITA2422
Product Description	Immunotag™ NEK3 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	NEK3
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000-3000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human NEK3
Specificity	NEK3 Antibody detects endogenous levels of total NEK3
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	NEK3
Accession No.	P51956
Alternate Names	HSPK 36; NEK3; NEK3_HUMAN; Never in mitosis A-related kinase 3; NIMA (never in mitosis gene a) related kinase 3; NimA related protein kinase 3; NimA-related protein kinase 3; Serine/threonine protein kinase Nek3; Serine/threonine-protein kinase Nek3;

Antibody Specification

Description	Protein kinase which influences neuronal morphogenesis and polarity through effects on microtubules. Regulates microtubule acetylation in neurons. Contributes to prolactin-mediated phosphorylation of PXN and VAV2. Implicated in prolactin-mediated cytoskeletal reorganization and motility of breast cancer cells through mechanisms involving RAC1 activation and phosphorylation of PXN and VAV2.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	58 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.