



Anti-NEK4 (aa 680-781) polyclonal antibody (DPAB-DC2983)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	NEK4 (NIMA-related kinase 4) is a protein-coding gene. Diseases associated with NEK4 include coffin-lowry syndrome, and bipolar disorder, and among its related super-pathways are Cellular Effects of Sildenafil. GO annotations related to this gene include protein serine/threonine kinase activity and metal ion binding. An important paralog of this gene is NEK6.
Immunogen	NEK4 (AAH63044, 680 a.a. ~ 781 a.a) partial recombinant protein with GST tag. The sequence is DVPVANPVSEFKLHRKYRDTLILHGKVAEEAEEIHFKEELPSAIMPGSEKIRRLVEVLRTD VIRGLGVQLLEQVYDLLEEDDEFDREVSLSLTVSRCLCYRIF
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	NEK4 NIMA-related kinase 4 [Homo sapiens (human)]
Official Symbol	NEK4
Synonyms	NEK4; NIMA-related kinase 4; NRK2; STK2; pp12301; serine/threonine-protein kinase Nek4; serine/threonine kinase 2; nimA-related protein kinase 4; serine/threonine protein kinase-2; serine/threonine-protein kinase 2; never in mitosis A-related kinase 4; serine/threonine-protein kinase NRK2; serine/threonine-protein kinase Nek4 variant 2; NIMA (never in mitosis gene a)-related kinase 4;
Entrez Gene ID	6787
Protein Refseq	NP_001180462
UniProt ID	P51957
Chromosome Location	3p21.1
Function	ATP binding; metal ion binding; protein serine/threonine kinase activity; receptor signaling protein serine/threonine kinase activity
