



Anti-ICK (full length) polyclonal antibody (DPAB-DC1008)

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

PRODUCT INFORMATION

Antigen Description	Eukaryotic protein kinases are enzymes that belong to a very extensive family of proteins which share a conserved catalytic core common with both serine/threonine and tyrosine protein kinases. This gene encodes an intestinal serine/threonine kinase harboring a dual phosphorylation site found in mitogen-activating protein (MAP) kinases. The protein localizes to the intestinal crypt region and is thought to be important in intestinal epithelial cell proliferation and differentiation. Alternative splicing has been observed at this locus and two variants, encoding the same isoform, have been identified.
Immunogen	ICK (AAH35807, 1 a.a. ~ 292 a.a) full-length recombinant protein with GST tag. The sequence is MNRYTTIRQLGDGTYSVLLGRSIESGELIAIKKMKRKFYSWEECMNLREVKSLKKLNHA NNVKLKEVIRENDHLYFIFEYMKENLYQLIKERNKLFPEAIRNIMYQILQGLAFIHKHG FFHRDLKPENLLCMGPELVKIADFGLAREIRSKPPYTDYVSTRWYRAPEVLLRSTNYSSP IDVVAVGCIAMEVYTLRPLFPGASEIDTIFKICQVLGTPKKTDWPEGYQLSSAMNFRWPQ CVPNNLKTLIPNASSEAVQLLRDMLQWDPKKRPTASQVFFHFLVITFISNSE
Source/Host	Mouse
Species Reactivity	Human, Mouse
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Cell lysate), 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	ICK intestinal cell (MAK-like) kinase [Homo sapiens (human)]
Official Symbol	ICK
Synonyms	ICK; intestinal cell (MAK-like) kinase; ECO; MRK; LCK2; serine/threonine-protein kinase ICK; hICK; MAK-related kinase; laryngeal cancer kinase 2; serine/threonine protein kinase;
Entrez Gene ID	22858
Protein Refseq	NP_055735
UniProt ID	A0A024RD59
Chromosome Location	6p12.1
Function	ATP binding; cyclin-dependent protein serine/threonine kinase activity; magnesium ion binding; protein binding
