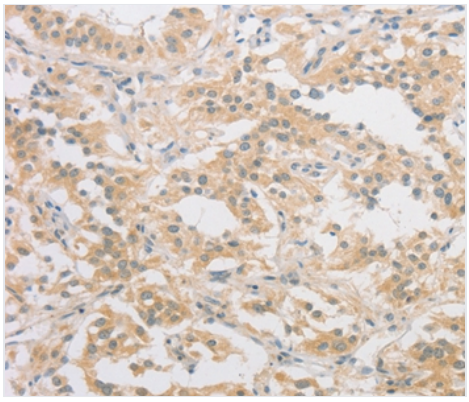
HIPK4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HIPK4, Polyclonal Antibody
Full Product Name	HIPK4 Antibody
Product Gene Name	anti-HIPK4 antibody
Product Synonym Names	FLJ32818; homeodomain interacting protein kinase 4
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN3, 50% Glycerol.
Purity/Purification	Antigen affinity purification.
Concentration	1.7 mg/ml (lot specific)
Specificity	The antibody detects endogenous levels of total HIPK4 protein.
Preparation and Storage	Store at -20 degree C
Molecular Weight	69,425 Da
OMIM	611712
3D Structure	ModBase 3D Structure for Q8NE63
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the N terminal of human homeodomain interacting protein kinase 4
Target Name	HIPK4
Product Categories/Family for anti-HIPK4 antibody	Total protein Ab
Applications Tested/Suitable for anti-HIPK4 antibody	Immunohistochemistry (IHC)
Application Notes for anti-HIPK4 antibody	Immunohistochemistry: 1:25-1:100
Related Product Information for anti-HIPK4 antibody	HIPK4 (Homeodomain-interacting protein kinase 4) is a 616 amino acid protein that localizes to the cytoplasm and exists as two isoforms that are produced by alternative splicing events. Like other members of the HIPK family, HIPK4 functions as a protein kinase that catalyzes the ATP-dependent phosphorylation of target proteins and is thought to act as a corepressor of target transcription factors.
Other Notes	Small volumes of anti-HIPK4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for HIPK4 purchase	MBS9413291 is an antibody targeting HIPK4. Also known as HIPK4 Antibody. Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-HIPK4 antibody
Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/40.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HIPK4. It may not necessarily be applicable to this product.

NCBI GI #	31542768
NCBI GeneID	147746
NCBI Accession #	NP_653286.2
UniProt Primary Accession #	Q8NE63
UniProt Secondary Accession #	Q96M54; A8K863
UniProt Related Accession #	Q8NE63
GenBank Nucleotide #	NM_144685.4
NCBI Official Full Name	homeodomain-interacting protein kinase 4
NCBI Official Synonym Full Names	homeodomain interacting protein kinase 4
NCBI Official Symbol	HIPK4
UniProt Protein Name	Homeodomain-interacting protein kinase 4
Protein Family	Homeodomain-interacting protein kinase
UniProt Gene Name	HIPK4
UniProt Entry Name	HIPK4_HUMAN
NCBI Protein Information	homeodomain-interacting protein kinase 4
UniProt Comments for HIPK4	HIPK4: a CMGC kinase of the DYRK family. Protein type: Protein kinase, Ser/Thr (non-receptor); Protein kinase, CMGC; Kinase, protein; EC 2.7.11.1; CMGC group; DYRK family; HIPK subfamily Chromosomal Location of Human Ortholog: 19q13.2 Cellular Component: cytoplasm; nucleus Molecular Function: protein serine/threonine kinase activity; ATP binding Biological Process: peptidyl-serine phosphorylation; protein amino acid autophosphorylation; histone phosphorylation
Research Articles on HIPK4	**1.** homeodomain interacting protein kinase 4 could phosphorylate human p53 protein at serine 9, both in vitro and in vivo

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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