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HUNK Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7955a

Product Information

Application	WB, IHC-P, E
Primary Accession	P57058
Reactivity	Human, Mouse
Predicted	Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB1268
Calculated MW	79686
Antigen Region	659-690

Additional Information

Gene ID	30811
Other Names	Hormonally up-regulated neu tumor-associated kinase, B19, Serine/threonine-protein kinase MAK-V, HUNK, MAKV
Target/Specificity	This HUNK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 659-690 amino acids from the C-terminal region of human HUNK.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	HUNK Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	HUNK
Synonyms	MAKV

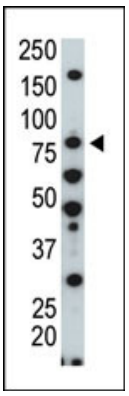
Background

Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains.

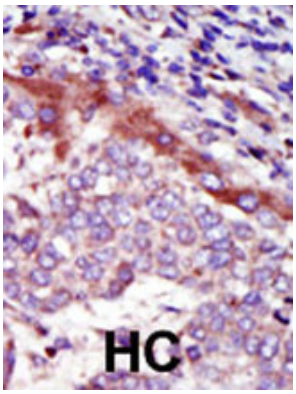
References

Gardner, H.P., et al., Genomics 63(1):46-59 (2000).

Images



The anti-HUNK Pab (Cat. #AP7955a) is used in Western blot to detect HUNK in NIH/3T3 cell lysate.



Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.