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Product datasheet for TA807264BM

HIPK1 Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI3C4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3C4
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 439-697 of human HIPK1(NP_852003) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	HRP
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	87.1 kDa
Gene Name:	homeodomain interacting protein kinase 1
Database Link:	NP_852003 Entrez Gene 15257 MouseEntrez Gene 365895 RatEntrez Gene 204851 Human Q86Z02
Background:	The protein encoded by this gene belongs to the Ser/Thr family of protein kinases and HIPK subfamily. It phosphorylates homeodomain transcription factors and may also function as a co-repressor for homeodomain transcription factors. Alternative splicing results in four transcript variants encoding four distinct isoforms. [provided by RefSeq, Jul 2008]
Synonyms:	Myak; Nbak2

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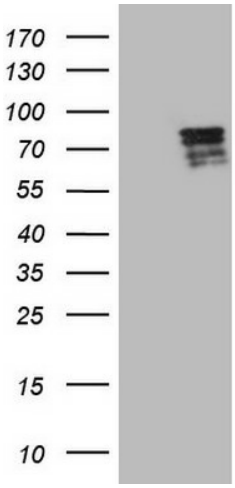
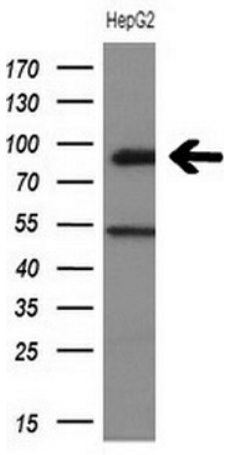
Protein Families: Druggable Genome, Protein Kinase, Transcription Factors

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY HIPK1 ([RC206176], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-HIPK1. Positive lysates [LY405750] (100ug) and [LC405750] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (10ug) from 1 cell line by using anti-HIPK1 monoclonal antibody at 1:200 dilution.