

Product datasheet for **AP52050PU-N**

HIPK4 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Peptide ELISA: 1/1000. Western Blot: 1/1000. Immunohistochemistry on Paraffin Sections: 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	Recombinant Human HIPK4 protein
Specificity:	This antibody recognizes Human HIPK4.
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	homeodomain interacting protein kinase 4
Database Link:	Entrez Gene 147746 Human Q8NE63
Background:	HIPK4 is a protein kinase that phosphorylates human TP53 at Ser-9, and thus induces TP53 repression of BIRC5 promoter (By similarity). May act as a corepressor of transcription factors (Potential).
Synonyms:	FLJ32818

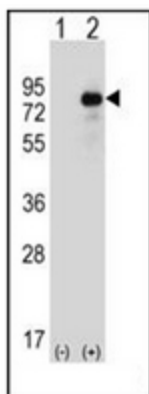


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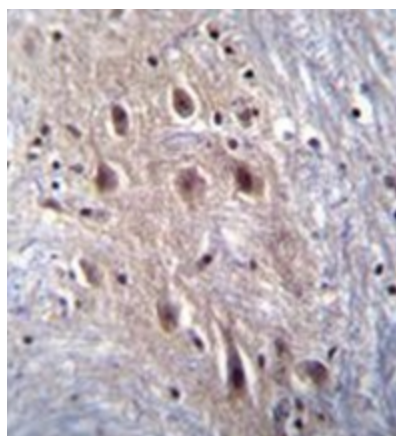
Note: **Molecular Weight:** 69425 Da

Protein Families: Druggable Genome, Protein Kinase

Product images:



Western blot analysis of HIPK4 (arrow) using HIPK4 Antibody. 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the HIPK4 gene



Immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue reacted with HIPK4 Antibody followed by peroxidase conjugation of the secondary antibody and DAB staining.