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HCCA2 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9350a

Product Information

Application	IHC-P, FC, WB, E
Primary Accession	Q70IA6
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB24042
Calculated MW	26927
Antigen Region	5-32

Additional Information

Gene ID	81532
Other Names	MOB kinase activator 2, HCCA2, Mob2 homolog, Mps one binder kinase activator-like 2, MOB2, HCCA2
Target/Specificity	This HCCA2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 5-32 amino acids from the N-terminal region of human HCCA2.
Dilution	IHC-P~~1:100~500 FC~~1:10~50 WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
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	HCCA2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	MOB2
Synonyms	HCCA2

Function	Stimulates the autophosphorylation and kinase activity of STK38 and STK38L.
Cellular Location	Nucleus. Cytoplasm, perinuclear region

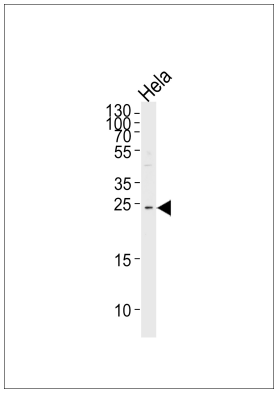
Background

HCCA2 binds to and stimulates the kinase activity of the related human serine-threonine kinases NDR1 and NDR2.

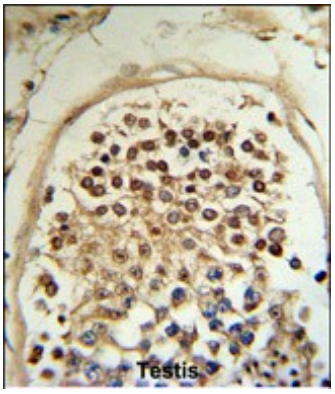
References

Devroe,E. J. Biol. Chem. 279 (23), 24444-24451 (2004)
Doyu,M. Brain Res. Mol. Brain Res. 87 (1), 1-11 (2001)
Venter,J.C. Science 291 (5507), 1304-1351 (2001)

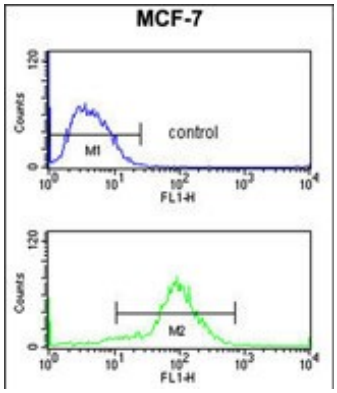
Images



Western blot analysis of lysate from HeLa cell line, using HCCA2 Antibody (N-term)(Cat. #AP9350a). AP9350a was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.



Formalin-fixed and paraffin-embedded human testis tissue reacted with HCCA2 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



HCCA2 Antibody (N-term) (Cat. #AP9350a) flow cytometry analysis of MCF-7 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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