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IP6K2 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21553c

Product Information

Application	WB, E
Primary Accession	Q9UHH9
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB53007
Calculated MW	49186

Additional Information

Gene ID	51447
Other Names	Inositol hexakisphosphate kinase 2, InsP6 kinase 2, P(i)-uptake stimulator, PiUS, IP6K2, IHPK2
Target/Specificity	This IP6K2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 226-258 amino acids from the Central region of human IP6K2.
Dilution	WB~~1:2000 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	IP6K2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	IP6K2 {ECO:0000303|PubMed:30624931}
Synonyms	IHPK2
Function	Converts inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5).

Cellular Location Nucleus.

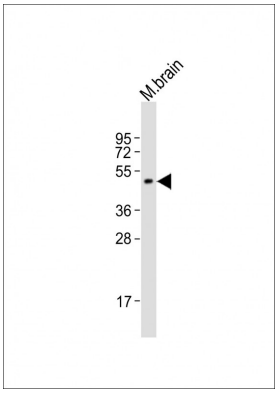
Background

Converts inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5). Converts 1,3,4,5,6-pentakisphosphate (InsP5) to PP-InsP4.

References

Saiardi A.,et al.Curr. Biol. 9:1323-1326(1999).
Zhou J.,et al.Submitted (JUL-2000) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Muzny D.M.,et al.Nature 440:1194-1198(2006).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).

Images



Anti-IP6K2 Antibody (Center)at 1:2000 dilution + mouse brain lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 49 kDa Blocking/Dilution buffer: 5% NFDM/TBST.