

DOK4 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP50834

Product Information

Application	WB
Primary Accession	Q8TEW6
Reactivity	Human, Mouse
Host	Rabbit
Clonality	polyclonal
Calculated MW	37028

Additional Information

Gene ID	55715
Other Names	Docking protein 4, Downstream of tyrosine kinase 4, Insulin receptor substrate 5, IRS-5, IRS5, DOK4
Dilution	WB~~ 1:1000
Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.
Storage Conditions	-20°C

Protein Information

Name	DOK4
Function	DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK4 functions in RET-mediated neurite outgrowth and plays a positive role in activation of the MAP kinase pathway (By similarity). Putative link with downstream effectors of RET in neuronal differentiation. May be involved in the regulation of the immune response induced by T-cells.
Tissue Location	Widely expressed. High expression in skeletal muscle, heart, kidney and liver. Weaker expression in spleen, lung and small intestine, brain, heart and. Expressed in both resting and activated peripheral blood T-cells.

Background

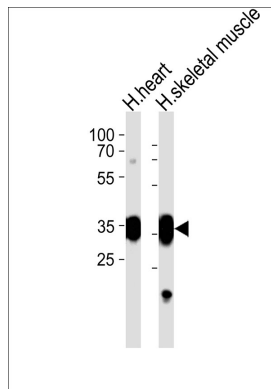
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References

Favre C.,et al.Genes Immun. 4:40-45(2003).
Cai D.,et al.J. Biol. Chem. 278:25323-25330(2003).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Loftus B.J.,et al.Genomics 60:295-308(1999).

Images



Western blot analysis of lysates from human heart and skeletal muscle tissue lysate (from left to right),using DOK4 Antibody,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.Lysates at 35ug per lane.

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