

AP51308PU-N**Polyclonal Antibody to DOK5 (PTB Dom.) - Purified**

Alternate names:	C20orf180, Docking protein 5, Downstream of tyrosine kinase 5, IRS6, Insulin receptor substrate 6
Quantity:	0.4 ml
Concentration:	lot specific
Background:	DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK5 functions in RET-mediated neurite outgrowth and plays a positive role in activation of the MAP kinase pathway. Putative link with downstream effectors of RET in neuronal differentiation.
Uniprot ID:	Q9P104
NCBI:	NP_060901
GeneID:	55816
Host / Isotype:	Rabbit / Ig
Immunogen:	Recombinant protein (GST-tag removed) from Human DOK5
Format:	State: Liquid purified Ig fraction Purification: Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PB Buffer System: PBS with 0.09% (W/V) Sodium Azide as preservative
Applications:	ELISA: 1/1000. Western Blot: 1/100-1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes Human DOK5 (PTB Domain).
Add. Information:	Molecular Weight: 35464 Da
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Liu, X., et al. J Am Acad Child Adolesc Psychiatry 49(1):33-41 (2010). Tabassum, R., et al. BMC Med. Genet. 11, 35 (2010). Shi, L., et al. Cell. Signal. 18(11):1995-2003 (2006). Cai, D., et al. J. Biol. Chem. 278(28):25323-25330 (2003). Favre, C., et al. Genes Immun. 4(1):40-45 (2003).

Pictures:

Western blot analysis of Dok5 (arrow) using DOK5 Antibody (PTB domain) Cat.-No AP51308PU-N. 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the Dok5 gene.

