

Anti-Human/Mouse DOK6 Polyclonal Antibody**Polyclonal Antibody****Cat.NO.: PA03575**

3th Edition

Description:DOK6 (docking protein 6) is a novel member of the DOK4/5 subclass of the p62 DOK family of intracellular adaptor molecules. DOK6 is highly expressed in the developing central nervous system and is co expressed with Ret in several locations, including sympathetic, sensory, and parasympathetic ganglia, as well as in the ureteric buds of the developing kidneys. Pull down assays using the DOK6 phosphotyrosine binding (PTB) domain and GDNF activated Ret indicate that DOK6 binds to the phosphorylated Ret Tyr(1062) residue. Moreover, ligand activation of Ret resulted in phosphorylation of tyrosine residue(s) located within the unique C terminus of DOK6 predominantly through a Src dependent mechanism, indicating that DOK6 is a substrate of the Ret Src signaling pathway.

Antigen:Synthesized peptide derived from the Internal region of human Dok-6

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application:This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity:Highly expressed in fetal and adult brain. Highly expressed in the cerebellum. Weak expression in kidney, spinal cord and testis.