

Anti-Human/Mouse/Rat GDF6 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA06570

3th Edition

Description: This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. This protein is required for normal formation of some bones and joints in the limbs, skull, and axial skeleton. Mutations in this gene are associated with Klippel-Feil syndrome, microphthalmia, and Leber congenital amaurosis. GDF6 (Growth Differentiation Factor 6) is a Protein Coding gene. Diseases associated with GDF6 include Microphthalmia, Isolated 4 and Klippel-Feil Syndrome 1, Autosomal Dominant. Among its related pathways are GPCR Pathway and Phospholipase-C Pathway. GO annotations related to this gene include protein homodimerization activity and growth factor activity. An important paralog of this gene is GDF7.

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