Best Tools for immunology Research

# FGF14 Polyclonal Antibody

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| **Catalog No :** | YN1742 |
| **Reactivity :** | Human;Mouse;Rat |
| **Applications :** | WB;ELISA |
| **Target :** | FGF14 |
| **Fields :** | >>Spinocerebellar ataxia |
| **Gene Name :** | FGF14 FHF4 |
| **Protein Name :** | Fibroblast growth factor 14 (FGF-14) (Fibroblast growth factor homologous factor 4) (FHF-4) |
| **Human Gene Id :** | 2259 |
| **Human Swiss Prot No :** | Q92915 |
| **Mouse Swiss Prot No :** | P70379 |
| **Rat Swiss Prot No :** | Q8R5L7 |
| **Immunogen :** | Synthesized peptide derived from human protein . at AA range: 10-90 |
| **Specificity :** | FGF14 Polyclonal Antibody detects endogenous levels of protein. |
| **Formulation :** | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. |
| **Source :** | Polyclonal, Rabbit,IgG |
| **Dilution :** | WB 1:500-2000 ELISA 1:5000-20000 |
| **Purification :** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Concentration :** | 1 mg/ml |

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 27kD

**Cell Pathway :** MAPK_ERK_Growth;MAPK_G_Protein;Regulates Actin and Cytoskeleton;Pathways in cancer;Melanoma;

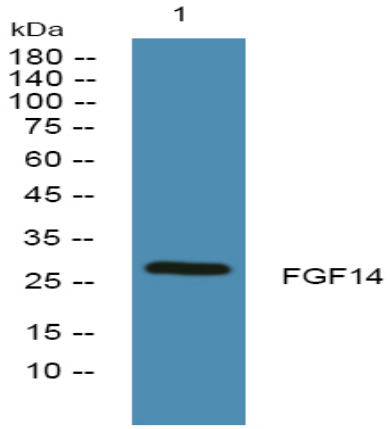
**Background :** The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. A mutation in this gene is associated with autosomal dominant cerebral ataxia. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2008],

**Function :** disease:Defects in FGF14 are the cause of spinocerebellar ataxia type 27 (SCA27) [MIM:609307]. Spinocerebellar ataxia is a clinically and genetically heterogeneous group of cerebellar disorders. Patients show progressive incoordination of gait and often poor coordination of hands, speech and eye movements, due to degeneration of the cerebellum with variable involvement of the brainstem and spinal cord. SCA27 is an autosomal dominant cerebellar ataxia (ADCA). It is a slowly progressive disorder, with onset in late-childhood to early adulthood, characterized by ataxia with tremor, orofacial dyskinesia, psychiatric symptoms and cognitive deficits.,function:Probably involved in nervous system development and function.,similarity:Belongs to the heparin-binding growth factors family.,tissue specificity:Nervous system.,

**Subcellular Location :** Nucleus .

**Expression :** Nervous system.

## Products Images




Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4°over night