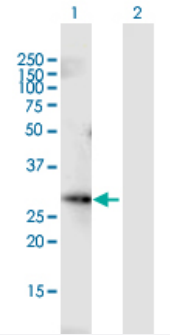
MaxPab®

# FGF13 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002258-B01P Size 50 ug

## Applications




### Western Blot (Transfected lysate)

Western Blot analysis of FGF13 expression in transfected 293T cell line (H00002258-T01) by FGF13 MaxPab polyclonal antibody.

Lane 1: FGF13 transfected lysate(26.95 KDa).
Lane 2: Non-transfected lysate.

## Specification

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|---|---|
| **Product Description** | Mouse polyclonal antibody raised against a full-length human FGF13 protein. |
| **Immunogen** | FGF13 (NP_004105.1, 1 a.a. ~ 245 a.a) full-length human protein. |
| **Sequence** | MAAAIASSLIRQKRQARAREREKSNACKCVSSPSKGKTSCDKNKLNVFSRVKLFGSKKRRRRRPEP QLKGIVTKLYSRQGYHLQLQADGTIDGTKDEDSTYTLFNLIPVGLRVVAIQGVQTKLYLAMNSEGYLY TSELFTPECKFKESVFENYYVTYSSMIYRQQQSGRGWYLGLNKEGEIMKGNHVKKNKPAAHFLPK PLKVAMYKEPSLHDLTEFSRSGSGTPTKSRSVSGVLNGGKSMSHNEST |
| **Host** | Mouse |
| **Reactivity** | Human |
| **Quality Control Testing** | Antibody reactive against mammalian transfected lysate. |
| **Storage Buffer** | In 1x PBS, pH 7.4 |
| **Storage Instruction** | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

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  Protocol Download

## Gene Info — FGF13

| | |
|---|---|
| **Entrez GeneID** | 2258 |
| **GeneBank Accession#** | NM_004114 |
| **Protein Accession#** | NP_004105.1 |
| **Gene Name** | FGF13 |
| **Gene Alias** | FGF2, FHF2 |
| **Gene Description** | fibroblast growth factor 13 |
| **Omim ID** | 300070 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | 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. This gene is located in a region on chromosome X, which is associated with Borjeson-Forssman-Lehmann syndrome (BFLS), making it a possible candidate gene for familial cases of the BFLS, and for other syndromal and nonspecific forms of X-linked mental retardation mapping to this region. Alternative splicing of this gene at the 5' end results in several transcript variants encoding different isoforms with different N-termini. [provided by RefSeq |
| **Other Designations** | OTTHUMP00000024143\|OTTHUMP00000024144\|fibroblast growth factor homologous factor 2 |

## Pathway

- MAPK signaling pathway

- Melanoma
- Pathways in cancer
- Regulation of actin cytoskeleton

## Disease

- Alzheimer disease
- Cardiovascular Diseases
- Diabetes Complications
- Metabolic Syndrome X
- Neoplasms
- Osteoporosis