Immunoway
Best Tools for immunology Research

# Brn-3 Polyclonal Antibody

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|---|---|
| **Catalog No :** | YT0528 |
| **Reactivity :** | Human;Mouse |
| **Applications :** | WB;ELISA |
| **Target :** | Brn-3 |
| **Gene Name :** | POU4F3 |
| **Protein Name :** | POU domain class 4 transcription factor 3 |
| **Human Gene Id :** | 5459 |
| **Human Swiss Prot No :** | Q15319 |
| **Mouse Gene Id :** | 18998 |
| **Mouse Swiss Prot No :** | Q63955 |
| **Immunogen :** | The antiserum was produced against synthesized peptide derived from human POU4F3. AA range:231-280 |
| **Specificity :** | Brn-3 Polyclonal Antibody detects endogenous levels of Brn-3 protein. |
| **Formulation :** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Source :** | Polyclonal, Rabbit,IgG |
| **Dilution :** | WB 1:500 - 1:2000. ELISA: 1:5000. Not yet tested in other applications. |
| **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 :** 35kD

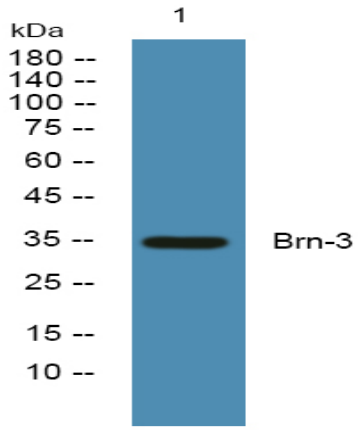
**Background :** This gene encodes a member of the POU-domain family of transcription factors. POU-domain proteins have been observed to play important roles in control of cell identity in several systems. This protein is found in the retina and may play a role in determining or maintaining the identities of a small subset of visual system neurons. Defects in this gene are the cause of non-syndromic sensorineural deafness autosomal dominant type 15. [provided by RefSeq, Mar 2009],

**Function :** disease:Defects in POU4F3 are the cause of non-syndromic sensorineural deafness autosomal dominant type 15 (DFNA15) [MIM:602459]. DFNA15 is a form of sensorineural hearing loss. Sensorineural deafness results from damage to the neural receptors of the inner ear, the nerve pathways to the brain, or the area of the brain that receives sound information.,function:May play a role in determining or maintaining the identities of a small subset of visual system neurons.,online information:Gene page,similarity:Belongs to the POU transcription factor family. Class-4 subfamily.,similarity:Contains 1 homeobox DNA-binding domain.,similarity:Contains 1 POU-specific domain.,tissue specificity:Brain. Seems to be specific to the retina.,

**Subcellular Location :** Nucleus . Cytoplasm . Preferentially localized in the nucleus. .

**Expression :** Brain. Seems to be specific to the retina.

## Products Images




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