

Brn-3 Rabbit pAb

CatalogNo: YT0528

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 35kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000

ELISA 1:5000

Not yet tested in other applications.

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

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.

Target Information

Gene name POU4F3

Protein Name POU domain class 4 transcription factor 3

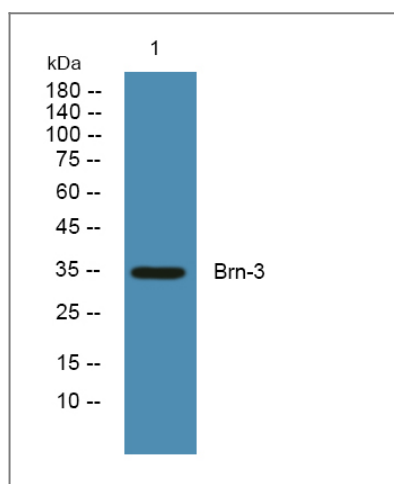
Organism	Gene ID	UniProt ID
Human	5459;	Q15319;
Mouse	18998;	Q63955;

Cellular Localization Nucleus . Cytoplasm . Preferentially localized in the nucleus. .

Tissue specificity Brain. Seems to be specific to the retina.

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.,

Validation Data



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

Contact information

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