

Brn-3a Polyclonal Antibody

Catalog No: YT0529

Reactivity: Human; Mouse; Rat

Applications: WB;ELISA

Target: Brn-3a

Gene Name: POU4F1

Protein Name: POU domain class 4 transcription factor 1

Q01851

P17208

Human Gene Id: 5457

Human Swiss Prot

No:

Mouse Gene Id: 18996

Mouse Swiss Prot

No:

Rat Swiss Prot No: P20266

Immunogen: The antiserum was produced against synthesized peptide derived from human

POU4F1. AA range:311-360

Specificity: Brn-3a Polyclonal Antibody detects endogenous levels of Brn-3a 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

1/2

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

Observed Band: 42kD

Background: This gene encodes a member of the POU-IV class of neural transcription

factors. This protein is expressed in a subset of retinal ganglion cells and may be involved in the developing sensory nervous system. This protein may also promote the growth of cervical tumors. A translocation of this gene is associated

with some adult acute myeloid leukemias. [provided by RefSeq, Mar 2012],

Function: developmental stage:Expression peaks early in embryogenesis (day 13.5) and is

undetectable 14 days after birth., function: Probable transcription factor which may

play a role in the regulation of specific gene expression within a subset of neuronal lineages. May play a role in determining or maintaining the identities of a small subset of visual system neurons.,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. Present in the developing brain, spinal cord

and eye.,

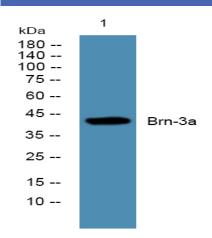
Subcellular Location:

Nucleus . Cytoplasm .

Expression: Expressed in the brain and the retina. Present in the developing brain, spinal

cord and eye.

Products Images



Western blot analysis of lysates from SW480 cells, primary antibody was diluted at 1:1000, 4° over night