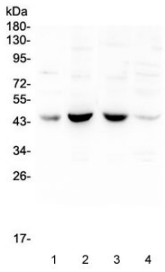
BRN3A Antibody (RQ4600)

Catalog No.	Formulation	Size
RQ4600	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q01851
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml (human recombinant protein)
Limitations	This BRN3A antibody is available for research use only.



Western blot testing of human 1) placenta, 2) Caco-2, 3) A549 and 4) HeLa lysate with BRN3A antibody at 0.5ug/ml. Predicted molecular weight ~43 kDa.

Description

POU domain, class 4, transcription factor 1 (POU4F1), also known as brain-specific homeobox/POU domain protein 3A (BRN3A), homeobox/POU domain protein RDC-1 or Oct-T1, is a protein that in humans is encoded by the POU4F1 gene. It is mapped to 13q31.1. 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.

Application Notes

Optimal dilution of the BRN3A antibody should be determined by the researcher.

Immunogen

Amino acids R311-Y419 from the human protein were used as the immunogen for the BRN3A antibody.

Storage

After reconstitution, the BRN3A antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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