



PO3F2 Polyclonal Antibody

Catalog No	YP-Ab-06698
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	POU3F2 BRN2 OCT7 OTF7
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	PO3F2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	POU3F2;Nervous system-specific octamer-binding transcription factor N-Oct-3; Brn-2;Brn 2;Brain-specific homeobox/POU domain protein 2;PO3F2;POU3F2 BRN2 OCT7 OTF7;POU domain;class 3;transcription factor 2 (Brain-specific homeobox/POU domain protein 2) (Brain-2) (Brn-2) (Nervous system-specific octamer-binding transcription factor N-Oct-3) (Octamer-binding pro
Observed Band	47 kDa
Calculated Molecular Weight	47 kDa
Cell Pathway	Nucleus.
Tissue Specificity	Expressed specifically in the neuroectodermal cell lineage.
Function	function:Transcription factor that binds preferentially to the recognition sequence which consists of two distinct half-sites, ('GCAT') and ('TAAT'), separated by a nonconserved spacer region of 0, 2, or 3 nucleotides. Positively regulates the genes under the control of corticotropin-releasing hormone (CRH) and CRH II promoters.,similarity:Belongs to the POU transcription factor family. Class-3 subfamily.,similarity:Contains 1 homeobox DNA-binding domain.,similarity:Contains 1 POU-specific domain.,subunit:Interacts with PQBP1.,tissue specificity:Expressed specifically in the neuroectodermal cell lineage.,

Background

This gene encodes a member of the POU-III class of neural transcription factors. The encoded protein is involved in neuronal differentiation and enhances the activation of corticotropin-releasing hormone regulated genes. Overexpression of this protein is associated with an increase in the proliferation of melanoma cells. [provided by RefSeq, Mar 2012],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images