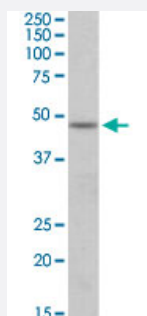# POU3F3 polyclonal antibody

Catalog #   PAB18580   Size   100 ug

Applications

Western Blot (Tissue lysate)

POU3F3 polyclonal antibody (Cat # PAB18580) (1 ug/mL) staining of mouse spinal cord lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of POU3F3.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human POU3F3.
Sequence	C-HMLSHAHQWVTAL
Host	Goat
Theoretical MW (kDa)	48
Reactivity	Mouse, Rat
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:4000) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — POU3F3

Entrez GeneID	5455
Protein Accession#	NP_006227.1
Gene Name	POU3F3
Gene Alias	BRN1, OTF8
Gene Description	POU class 3 homeobox 3
Omim ID	602480
Gene Ontology	Hyperlink
Gene Summary	POU3F3 is a member of the class III POU family of transcription factors (see POU3F1; MIM 602479) that are expressed in the central nervous system. The POU domain in these proteins is required for high affinity binding to octamer DNA sequences Sumiyama et al. (1996) [PubMed 8703082].[supplied by OMIM
Other Designations	POU domain, class 3, transcription factor 3