10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

POU6F1/BRN5 Rabbit pAb

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Catalog # AP57842

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q14863
Reactivity	Mouse
Predicted	Rat, Pig, Dog, Human, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	63068
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human POU6F
Epitope Specificity	25-120/301
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nuclear.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The POU6F1 gene encodes a protein that is part of a family of transcription factors which exhibit distinct temporal and spatial patterns of expression.

Additional Information

Gene ID	5463
Other Names	POU domain, class 6, transcription factor 1, Brain-specific homeobox/POU domain protein 5, Brain-5, Brn-5, mPOU homeobox protein, POU6F1, BRN5, MPOU, TCFB1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

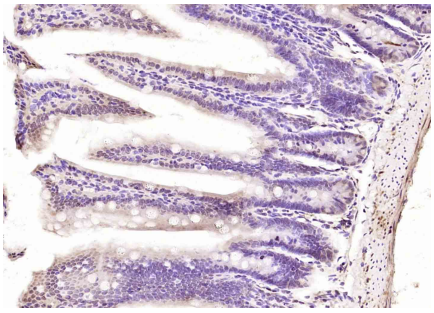
Name	POU6F1
Synonyms	BRN5, MPOU, TCFB1

Function	Transcription factor that binds preferentially to a variant of the octamer motif (5'-ATGATAAT-3').
Cellular Location	Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108, ECO:0000255|PROSITE-ProRule:PRU00530}
Tissue Location	In the embryo, expressed exclusively in the developing brain, whereas in the adult its expression is restricted to brain, heart, skeletal muscle and lung. In the brain, the highest expression levels are found in specific cell layers of the cortex, the olfactory bulb, the hippocampus and the cerebellum

Background

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Images



Paraformaldehyde-fixed, paraffin embedded (mouse intestine); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (POU6F1) Polyclonal Antibody, Unconjugated (AP57842) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.