

POU6F1 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3205a**Specification**

POU6F1 Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	Q14863
Other Accession	NP_002693.3 , 5463
Reactivity	Human, Mouse
Predicted	Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	63068

POU6F1 Antibody (internal region) - 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

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

POU6F1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

POU6F1 Antibody (internal region) - 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}

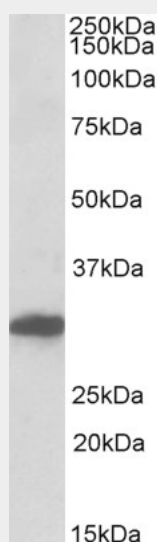
Tissue Location

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

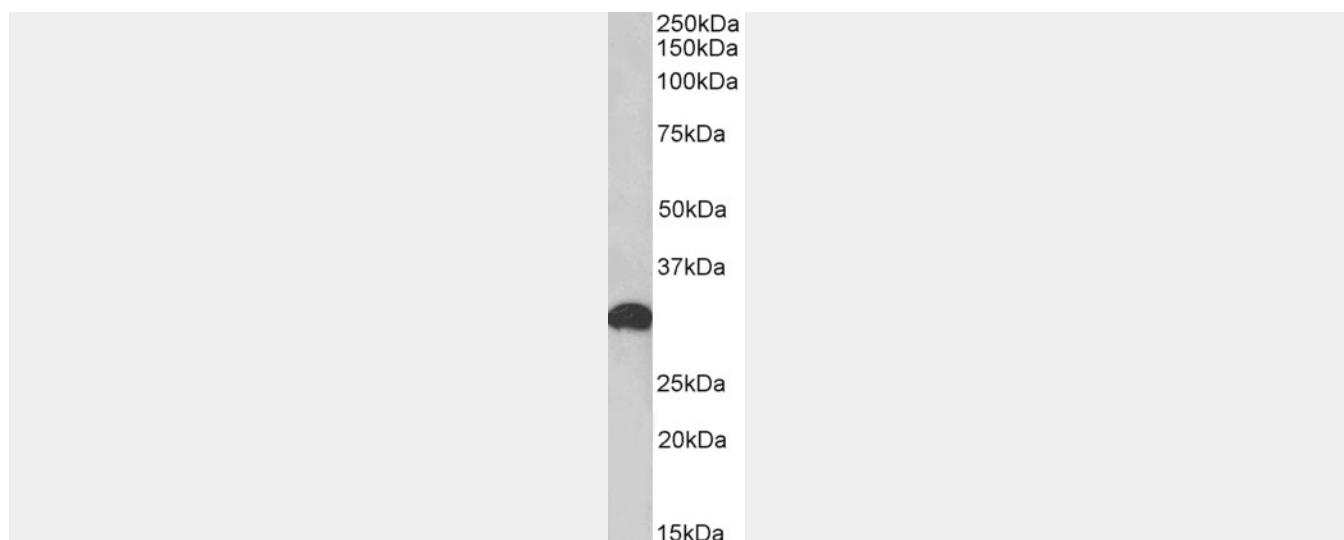
POU6F1 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

POU6F1 Antibody (internal region) - Images

AF3205a (0.3 µg/ml) staining of Human Cerebral Cortex lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



AF3205a (0.05 µg/ml) staining of Mouse fetal Brain lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

POU6F1 Antibody (internal region) - References

Structure of human Brn-5 transcription factor in complex with CRH gene promoter. Pereira JH, Kim SH, Journal of structural biology 2009 Aug 167 (2): 159-65. PMID: 19450691