

Rabbit POU4F2 Polyclonal Antibody | anti-POU4F2 antibody

POU4F2 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198330	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat	Western Blot

PRODUCT SYNONYMS

POU4F2; Polyclonal Antibody; POU4F2 antibody - N-terminal region; anti-POU4F2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: MM MMSLNSKQAF SMPHGGSLHV EPKYSALHST SPGSSAPIAP SASSPSSS
Sequence Length	410
Applicable Applications for anti-POU4F2 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human POU4F2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-POU4F2 Antibody Titration: 0.2-1 ug/ml
Positive Control: HepG2 cell lysate

WB (Western Blot)

Host: Rabbit
Target Name: POU4F2
Sample Tissue: Human Fetal Liver
Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-POU4F2 antibody	This is a rabbit polyclonal antibody against POU4F2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: POU4F2 is a member of the POU-domain family of transcription factors. POU-domain proteins have been observed to play important roles in control of cell identity in several systems. A class IV POU-domain protein, POU4F2 is found in human retina exclusively within a subpopulation of ganglion cells where it may play a role in determining or maintaining the identities of a small subset of visual system neurons.POU4F2 is a member of the POU-domain family of transcription factors. POU-domain proteins have been observed to play important roles in control of cell identity in several systems. A class IV POU-domain protein, POU4F2 is found in human retina exclusively within a subpopulation of ganglion cells where it may play a role in determining or maintaining the identities of a small subset of visual system neurons.[supplied by OMIM].
Product Categories/Family for anti-POU4F2 antibody	Polyclonal; Transcription Factor; Neurobiology; Transcription Regulation; Transcription Regulation; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	110347455
NCBI GeneID	5458
NCBI Accession #	NP_004566
NCBI GenBank Nucleotide #	NM_004575
UniProt Accession #	Q12837
Molecular Weight	43kDa
NCBI Official Full Name	POU domain, class 4, transcription factor 2
NCBI Official Synonym Full Names	POU class 4 homeobox 2
NCBI Official Symbol	POU4F2
NCBI Official Synonym Symbols	BRN3B; BRN3.2; Brn-3b
NCBI Protein Information	POU domain, class 4, transcription factor 2
UniProt Protein Name	POU domain, class 4, transcription factor 2
UniProt Gene Name	POU4F2
UniProt Synonym Gene Names	BRN3B; Brain-3B; Brn-3B
UniProt Entry Name	PO4F2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.