

Rabbit POU3F2 Polyclonal Antibody | anti-POU3F2 antibody

POU3F2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197140	Rabbit	Cow, Dog, Guinea Pig, Human, Mouse, Rat	Western Blot, Immunohistochemistry

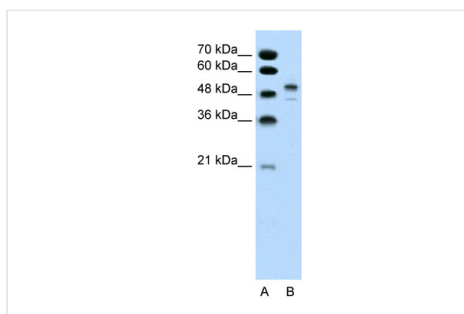
PRODUCT SYNONYMS

POU3F2; Polyclonal Antibody; POU3F2 antibody - middle region; anti-POU3F2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, 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 region: LG AGGQPAGLHH HGLRDAHDEP HHADHHPPH SHPHQQPPPP PPPQGPPG
Sequence Length	443
Applicable Applications for anti-POU3F2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human POU3F2
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.

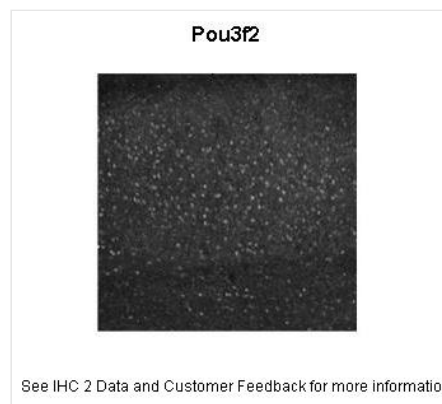
IMAGES



WB (Western Blot)

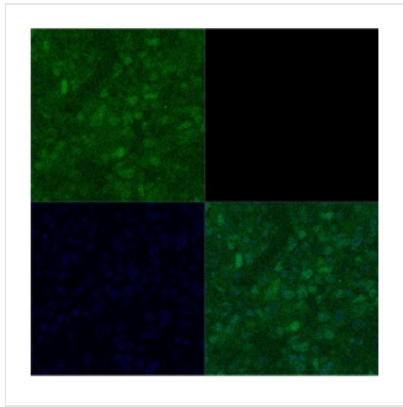
WB Suggested Anti-POU3F2 Antibody Titration: 0.5ug/mL ELISA Titer: 1:12500 Positive

Control: Jurkat cell lysate



IHC (Immunohistochemistry)

Sample Type : Mouse adult cortex Primary Antibody Dilution : 1:1000 Secondary Antibody : Donkey anti rabbit IgG Alexa 594 Secondary Antibody Dilution : 1:1000 Gene Name : POU3F2
Submitted by : Dr. Jin Hee Lee, Ph.D., Winthrop-University Hospital



IHC (Immunohistochemistry)
Primary Metastatic Melenoma SpecimanPrimary antibody dilution: 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-POU3F2 antibody	This is a rabbit polyclonal antibody against POU3F2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: N-Oct-3 (POU3F2) is a protein belonging to a large family of transcription factors that bind to the octameric DNA sequence ATGCAAAT. Most of these proteins share a highly homologous region, referred to as the POU domain, which occurs in several mammalian transcription factors, including the octamer-binding proteins Oct1 (POU2F1) and Oct2 (POU2F2), and the pituitary protein Pit1 (PIT1). Class III POU genes are expressed predominantly in the CNS. It is likely that CNS-specific transcription factors such as these play an important role in mammalian neurogenesis by regulating their diverse patterns of gene expression.N-Oct-3 is a protein belonging to a large family of transcription factors that bind to the octameric DNA sequence ATGCAAAT. Most of these proteins share a highly homologous region, referred to as the POU domain, which occurs in several mammalian transcription factors, including the octamer-binding proteins Oct1 (POU2F1; MIM 164175) and Oct2 (POU2F2; MIM 164176), and the pituitary protein Pit1 (PIT1; MIM 173110). Class III POU genes are expressed predominantly in the CNS. It is likely that CNS-specific transcription factors such as these play an important role in mammalian neurogenesis by regulating their diverse patterns of gene expression.[supplied by OMIM].
Product Categories/Family for anti-POU3F2 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; DNA/RNA/Protein Interactions; Immunohistochemistry; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	51702521
NCBI GeneID	5454
NCBI Accession #	NP_005595
NCBI GenBank Nucleotide #	NM_005604
UniProt Accession #	P20265
Molecular Weight	47kDa
NCBI Official Full Name	POU domain, class 3, transcription factor 2
NCBI Official Synonym Full Names	POU class 3 homeobox 2
NCBI Official Symbol	POU3F2
NCBI Official Synonym Symbols	BRN2; OCT7; OTF7; OTF-7; POUF3; brn-2; oct-7; N-Oct3
NCBI Protein Information	POU domain, class 3, transcription factor 2
UniProt Protein Name	POU domain, class 3, transcription factor 2
UniProt Gene Name	POU3F2

UniProt Synonym Gene Names	BRN2; OCT7; OTF7; Brain-2; Brn-2; Oct-7; OTF-7
UniProt Entry Name	PO3F2_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pou3f2-antibody-western-blot-immunohistochemistry-elisa/197140>