

Rabbit POU3F3 Polyclonal Antibody | anti-POU3F3 antibody

POU3F3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327792	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

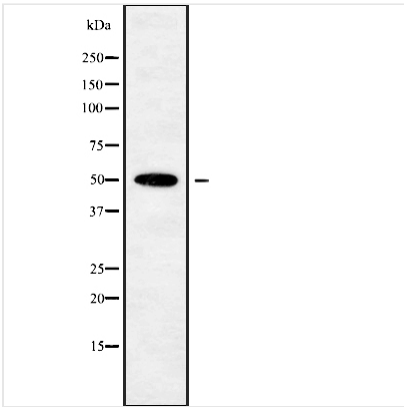
PRODUCT SYNONYMS

POU3F3; Polyclonal Antibody; POU3F3 Antibody; Brain 1; Brain specific homeobox/POU domain protein 1; Brain-1; Brain-specific homeobox/POU domain protein 1; Brain-specific homeobox/POU domain protein 1.1; Brain1; BRN 1; Brn-1; BRN1; Brn1; mouse; homolog of; class 3; Class III POU domain protein taichi; Oct-8; Octamer-binding protein 8; Octamer-binding transcription factor 8; OTF 8; OTF-8; OTF8; PO3 F3; PO3F 3; PO3F3; PO3F3_HUMAN; POU class 3 homeobox 3; POU domain; POU domain protein 12; transcription factor 3; transcription factor 3-A; pou12; POU3 F3; POU3F 3; Pou3f3; RHS 1; Rhs 2; RHS1; Rhs2; Skin 1; Skin1; tai-ji; zp12; zp12pou; anti-POU3F3 antibody

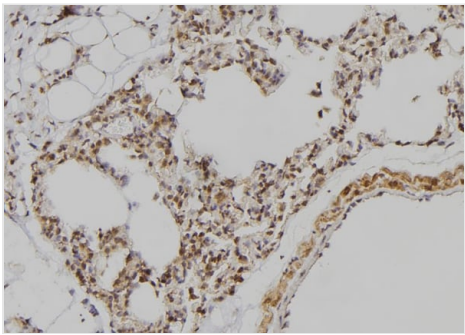
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	POU3F3 antibody detects endogenous levels of total POU3F3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	500
Applicable Applications for anti-POU3F3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human POU3F3
Subcellular Location	Nucleus.
Tissue Specificity	Brain.
Predicted Cross Reactivity	Chicken
Similarity	Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of POU3F3 using K562 whole cell lysates



IHC (Immunohistochemistry)
AAA327792 at 1/100 staining Rat lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-POU3F3 antibody	Function: Transcription factor that acts synergistically with SOX11 and SOX4. Plays a role in neuronal development. Is implicated in an enhancer activity at the embryonic met-mesencephalic junction; the enhancer element contains the octamer motif (5'-ATTGTCAT-3') (By similarity). Similarity: Belongs to the POU transcription factor family. Class-3 subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5453936
NCBI GeneID	5455
NCBI Accession #	NP_006227.1
NCBI GenBank Nucleotide #	NM_006236.2
UniProt Accession #	P20264; P78379; Q4ZG25
Molecular Weight	Observed: 50 kDa Predicted: 51 kDa
NCBI Official Full Name	POU domain, class 3, transcription factor 3
NCBI Official Synonym Full Names	POU class 3 homeobox 3
NCBI Official Symbol	POU3F3
NCBI Official Synonym Symbols	BRN1; OTF8; oct-8; brain-1
NCBI Protein Information	POU domain, class 3, transcription factor 3
UniProt Protein Name	POU domain, class 3, transcription factor 3
UniProt Gene Name	POU3F3
UniProt Synonym Gene Names	BRN1; OTF8; Brain-1; Brn-1; Oct-8; OTF-8

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.