

Rabbit POU3F3 Polyclonal Antibody | anti-POU3F3 antibody

POU3F3 antibody - N-terminal region

CATALOG # AAA197513	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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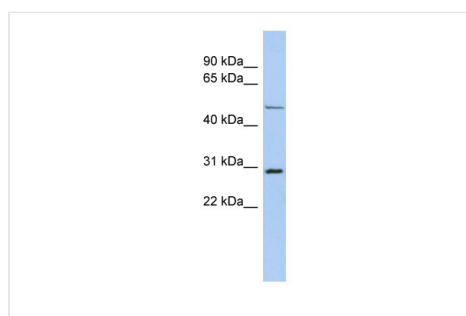
PRODUCT SYNONYMS

POU3F3; Polyclonal Antibody; POU3F3 antibody - N-terminal region; anti-POU3F3 antibody

PRODUCT SPECIFICATIONS

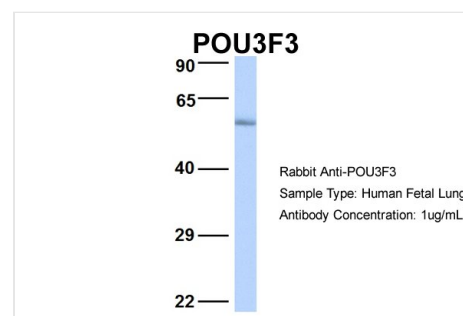
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: GG GGGGGGGAGG GGGGMQPGSA AVTSGAYRGD PSSVKMVQSD FMQGAMAA
Sequence Length	500
Applicable Applications for anti-POU3F3 antibody	WB (Western Blot)
Homology	Human: 100%; Mouse: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human POU3F3
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



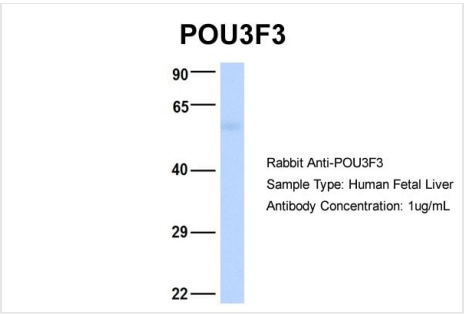
WB (Western Blot)

WB Suggested Anti-POU3F3 Antibody Titration: 0.2-1 ug/mL
 ELISA Titer: 1:312500
 Positive Control: OVCAR-3 cell lysate
 POU3F3 is supported by BioGPS gene expression data to be expressed in OVCAR3



WB (Western Blot)

Host: Rabbit
 Target Name: POU3F3
 Sample Type: Human Fetal Lung
 Antibody Dilution: 1.0ug/ml



WB (Western Blot)
Host: RabbitTarget Name: POU3F3Sample Type: Human Fetal LiverAntibody Dilution:
1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-POU3F3 antibody	This is a rabbit polyclonal antibody against POU3F3. It was validated on Western Blot using a cell lysate as a positive control. Target Description: POU3F3 is the transcription factor that acts synergistically with SOX11 and SOX4. POU3F3 plays a role in neuronal development. POU3F3 is implicated in an enhancer activity at the embryonic met-mesencephalic junction; the enhancer element contains the octamer motif (5'-ATTTGCAT-3').POU3F3 is a member of the class III POU family of transcription factors (see POU3F1; MIM 602479) that are expressed in the central nervous system. The POU domain in these proteins is required for high affinity binding to octamer DNA sequences Sumiyama et al. (1996) [PubMed 8703082].[supplied by OMIM].
Product Categories/Family for anti-POU3F3 antibody	Polyclonal; Transcription Factor; Neurobiology; Transcription Regulation; Transcription Regulation; Developmental Biology; Neuroscience; Stem Cells; DNA/RNA/Protein Interactions; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453936
NCBI GeneID	5455
NCBI Accession #	NP_006227
NCBI GenBank Nucleotide #	NM_006236
UniProt Accession #	P20264
Molecular Weight	50kDa
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
UniProt Entry Name	PO3F3_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.

