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Product datasheet for TA329222

POU3F2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-POU3F2 antibody: synthetic peptide directed towards the middle region of human POU3F2. Synthetic peptide located within the following region: LGAGGQPAGLHHHGLRDAHDEPHHADHHPHPHSHPHQQPPPPPPPQGPPG
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	47 kDa
Gene Name:	POU class 3 homeobox 2
Database Link:	NP_005595 Entrez Gene 18992 MouseEntrez Gene 5454 Human P20265

View online »

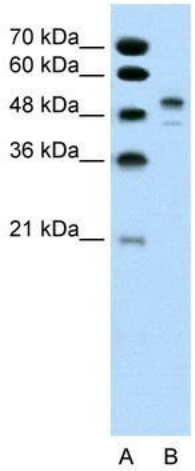
Background: N-Oct-3 (POU3F2) is a protein belonging to a large family of transcription factors that bind to the octameric DNA sequence ATGCAAAT. Most of these proteins share a highly homologous region, referred to as the POU domain, which occurs in several mammalian transcription factors, including the 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]

Synonyms: brn-2; BRN2; N-Oct3; oct-7; OCT7; OTF-7; OTF7; POUF3

Note: Immunogen sequence homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Guinea pig: 100%

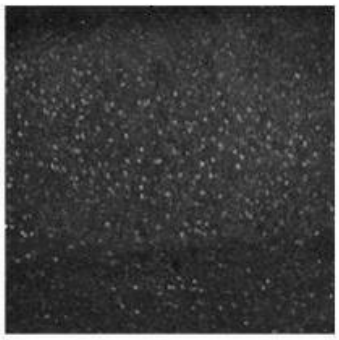
Protein Families: Transcription Factors

Product images:



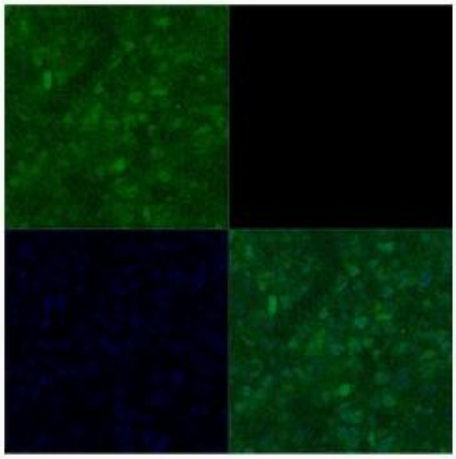
WB Suggested Anti-POU3F2 Antibody Titration: 0.5ug/ml; ELISA Titer: 1:12500; Positive Control: Jurkat cell lysate

Pou3f2



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

See IHC 2 Data and Customer Feedback for more information



Primary Metastatic Melenoma Speciman; Primary antibody dilution: 1:1000