

FOXD1 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI11054

Product Information

Application	WB
Primary Accession	Q61345
Other Accession	NM_008242 , NP_032268
Reactivity	Mouse, Rat
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45371

Additional Information

Gene ID	15229
Alias Symbol	BF-2, Hfh10, FREAC4, Hfhbf2, AI385632
Other Names	Forkhead box protein D1, Brain factor 2, BF-2, Forkhead-related protein FKHL8, Forkhead-related transcription factor 4, FREAC-4, HFH-BF-2, Foxd1, Fkhl8, Freac4, Hfhbf2
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 100 ul of distilled water. Final anti-FOXD1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	FOXD1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Foxd1
Synonyms	Fkhl8, Freac4, Hfhbf2
Function	Transcription factor involved in regulation of gene expression in a variety of processes including formation of positional identity in the developing retina, regionalization of the optic chiasm, morphogenesis of the kidney, and neuralization of ectodermal cells (PubMed: 15509772 , PubMed: 15634693 , PubMed: 9811586). Involved in transcriptional activation of PGF and C3 genes (By similarity).

Cellular Location	Nucleus {ECO:0000255 PROSITE-ProRule:PRU00089}.
Tissue Location	Predominantly expressed in the CNS and temporal half of the retina. Also expressed in the condensed head mesenchyme, metanephric blastema of the developing kidney, cortex of the adrenal gland, condensed mesenchyme at the base of the follicles of vibrissae and cartilage perichondrium of the developing vertebrate

References

Airik,R., et al., (2006) J. Clin. Invest. 116 (3), 663-674
Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-FOXD1 Antibody Titration: 1.25µg/ml
 ELISA Titer: 1:312500
 Positive Control: SP2/O cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.