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FOXJ1 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI10859

Product Information

Application	WB
Primary Accession	Q92949
Other Accession	NM_001454, NP_001445
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45247

Additional Information

Gene ID	2302
Alias Symbol	FKHL13, HFH-4, HFH4, MGC35202
Other Names	Forkhead box protein J1, Forkhead-related protein FKHL13, Hepatocyte nuclear factor 3 forkhead homolog 4, HFH-4, FOXJ1, FKHL13, HFH4
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-FOXJ1 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	FOXJ1 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

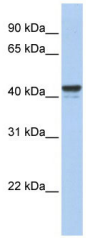
Protein Information

Name	FOXJ1 (HGNC:3816)
Function	Transcription factor specifically required for the formation of motile cilia (PubMed:31630787). Acts by activating transcription of genes that mediate assembly of motile cilia, such as CFAP157. Binds the DNA consensus sequences 5'-HWDTGTTTGTTTA-3' or 5'-KTTTGTTGTTKTW-3' (where H is not G, W is A or T, D is not C, and K is G or T). Activates the transcription of a variety of ciliary proteins in the developing brain and lung.
Cellular Location	Nucleus {ECO:0000250|UniProtKB:Q61660}.
Tissue Location	Testis, oviduct, lung and brain cortex.

References

Li,C.S., (2007) Exp. Mol. Med. 39 (6), 805-811 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-FOXJ1 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: MCF7 cell lysate