

FoxJ1 Polyclonal Antibody

Catalog # AP69934

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q92949
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45247

Additional Information

Gene ID	2302
Other Names	FOXJ1; FKHL13; HFH4; Forkhead box protein J1; Forkhead-related protein FKHL13; Hepatocyte nuclear factor 3 forkhead homolog 4; HFH-4
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

Protein Information

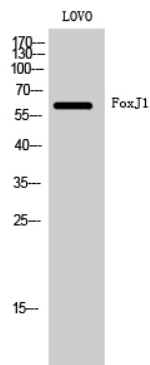
Name	FOXJ1 (HGNC:3816)
Function	Transcription factor specifically required for the formation of motile cilia (PubMed: 31630787). Acts by activating transcription of genes that mediate assembly of motile cilia, such as CFAP157. Binds the DNA consensus sequences 5'-HWD TGTTTGT TTA-3' or 5'-KTTTGTTGTTKTW-3' (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.

Background

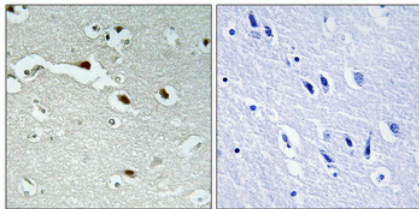
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Images



Western Blot analysis of LOVO cells using FoxJ1 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4°, overnight). High-pressure and temperature Tris-EDTA, pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.

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