10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

FoxJ1 Polyclonal Antibody
Catalog # AP69934

Specification

FoxJ1 Polyclonal Antibody - Product Information

Application	**WB, IHC-P**
Primary Accession	Q92949
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**

FoxJ1 Polyclonal Antibody - 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~~N/A

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

FoxJ1 Polyclonal Antibody - 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.

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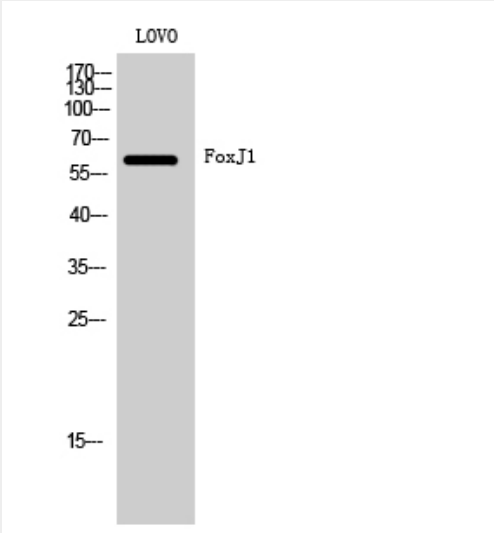
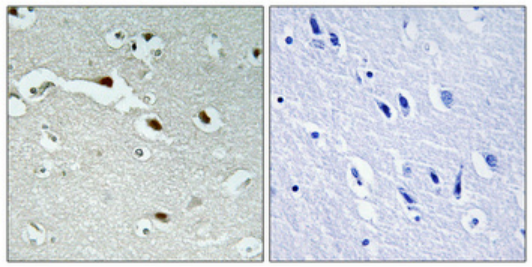
FoxJ1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FoxJ1 Polyclonal Antibody - Images





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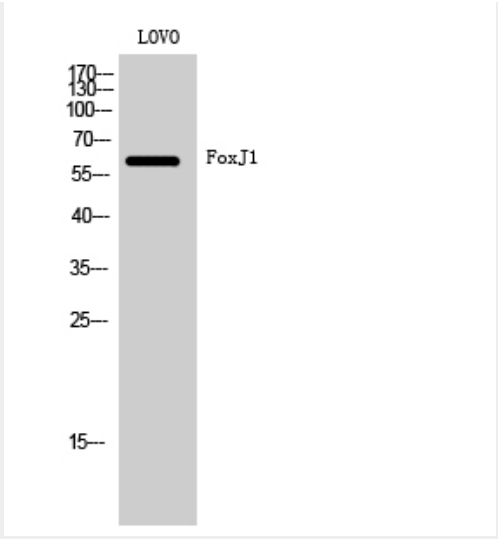

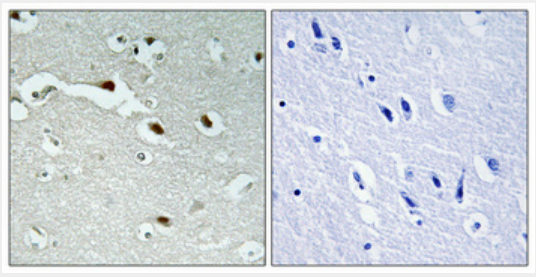

FoxJ1 Polyclonal Antibody - Background

Transcription factor specifically required for the formation of motile cilia. 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.