



FoxJ1 Polyclonal Antibody

Catalog No	YP-Ab-01726
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	FOXJ1
Immunogen	The antiserum was produced against synthesized peptide derived from human FOXJ1. AA range:271-320
Specificity	FoxJ1 Polyclonal Antibody detects endogenous levels of FoxJ1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	FKHL13;forkhead box J1;Forkhead box protein J1;FOXJ1;HFH 4;HFH4; Forkhead-related protein FKHL13;Hepatocyte nuclear factor 3 forkhead homolog 4;HFH-4
Observed Band	60kD
Calculated Molecular Weight	60kD
Cell Pathway	Nucleus .
Tissue Specificity	Testis, oviduct, lung and brain cortex.
Function	developmental stage:Expressed in developing lung, kidney and central nervous system.,disease:Genetic variations in FOXJ1 may be associated with susceptibility to allergic rhinitis (ALRH) [MIM:607154]. Allergic rhinitis is a common disease of complex inheritance and is characterized by mucosal inflammation caused by allergen exposure.,function:May play an important role in cell fate determination during lung development and in spermatogenesis., similarity:Contains 1 fork-head DNA-binding domain.,tissue specificity:Testis, oviduct, lung and brain cortex.,

**Background**

This gene encodes a member of the forkhead family of transcription factors. Similar genes in zebrafish and mouse have been shown to regulate the transcription of genes that control the production of motile cilia. The mouse ortholog also functions in the determination of left-right asymmetry. Polymorphisms in this gene are associated with systemic lupus erythematosus and allergic rhinitis.[provided by RefSeq, Sep 2009],

matters needing attention

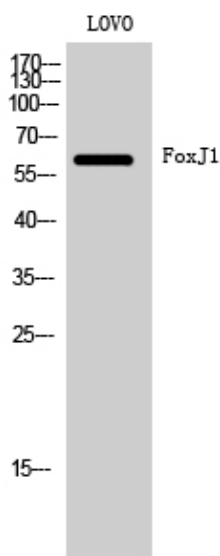
Avoid repeated freezing and thawing!

Usage suggestions

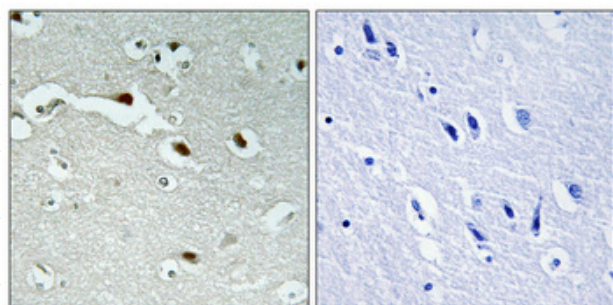
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



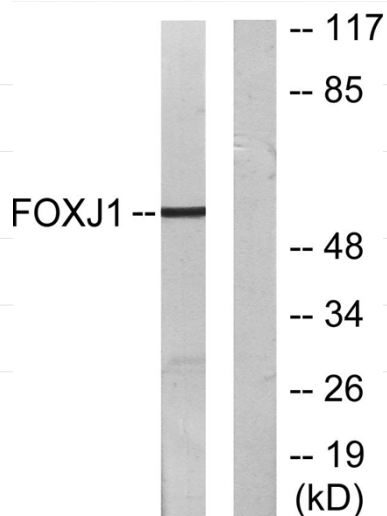
Products Images



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, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



Western blot analysis of lysates from LOVO cells, using FOXJ1 Antibody. The lane on the right is blocked with the synthesized peptide.