Product Datasheet

FOXJ2 Antibody

Catalog No: #36867

Package Size: #36867-1 50ul #36867-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

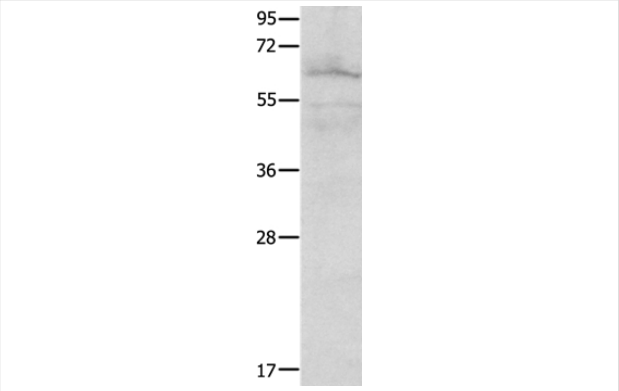
Description

Product Name	FOXJ2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Human;Mouse
Specificity	The antibody detects endogenous levels of total FOXJ2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human forkhead box J2
Conjugates	Unconjugated
Target Name	FOXJ2
Other Names	FHX
Accession No.	Swiss-Prot#: Q9P0K8NCBI Gene ID: 55810Gene Accssion: NP_060886
SDS-PAGE MW	62kd
Concentration	1.3mg/ml
Formulation	Rabbit IgG in pH7.3 PBS, 0.05% NaN3, 50% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Images



Gel: 10%SDS-PAGE
Lysates (from left to right): Mouse testis tissue
Amount of lysate: 40ug per lane
Primary antibody: 1/650 dilution
Secondary antibody dilution: 1/8000
Exposure time: 2 minutes

Background

Forkhead box protein J2?is a?protein?that in humans is encoded by the?FOXJ2?gene. FOXJ2 is a fork head transcriptional activator, the expression of which starts very early in embryonic development and it is distributed widely in the adult. FOXJ2 is localized constitutively at the nucleus of the cell.

Two tyrosine residues and a stretch of basic amino acid residues at the N and C-terminal ends of the fork head domain, respectively, are important for its nuclear targeting. These residues are conserved strongly among all members of the fork head family, suggesting that they could be involved in the nuclear translocation mechanism of all fork head factors.

Published Papers

el at., Involvement of HECTD1 in LPS-induced astrocyte activation via θ ½-1R-JNK/p38-FOXJ2 axis. In Cell Biosci on 2021 Mar 30 by Ying Tang, Mengchun Zhou,et al..PMID:33781347, , (2021)

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.