OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for CF800147

FOXI1 Mouse Monoclonal Antibody [Clone ID: OTI1H9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1H9
Applications:	IF, WB
Recommended Dilution:	WB 1:2000, IF 1:100
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 111-350 of human FOXI1 (NP_036320) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	40.8 kDa
Gene Name:	Homo sapiens forkhead box I1 (FOXI1), transcript variant 1, mRNA.
Database Link:	NP_036320 Entrez Gene 14233 MouseEntrez Gene 2299 Human Q12951

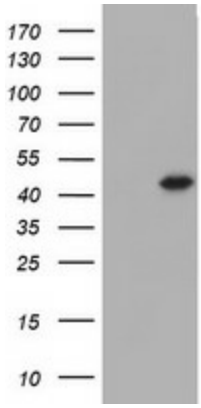
View online »

Background: This gene belongs to the forkhead family of transcription factors which is characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it is possible that this gene plays an important role in the development of the cochlea and vestibulum, as well as embryogenesis. Mutations in this gene may be associated with the common cavity phenotype. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

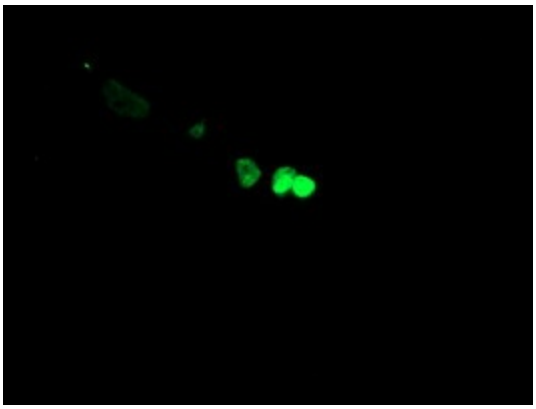
Synonyms: FKH10; FKHL10; FREAC-6; FREAC6; HFH-3; HFH3

Protein Families: Transcription Factors

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY FOXI1 ([RC218102], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-FOXI1. Positive lysates [LY402162] (100ug) and [LC402162] (20ug) can be purchased separately from OriGene.



Anti-FOXI1 mouse monoclonal antibody ([TA800147]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY FOXI1 ([RC218102]).