

Mouse anti-Human, Mouse FOXF2 Monoclonal Antibody | anti-FOXF2 antibody

FOXF2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311983	Mouse	Human, Mouse	Immunofluorescence, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

FOXF2; Monoclonal Antibody; FOXF2 Antibody; FKH L6 antibody; FKHL 6 antibody; FKHL6 antibody; Forkhead box F2 antibody; Forkhead box protein F2 antibody; Forkhead like 6 antibody; Forkhead related activator 2 antibody; Forkhead related protein FKHL6 antibody; Forkhead related transcription factor 2 antibody; Forkhead; Drosophila; homolog-like 6 antibody; FOX F2 antibody; FOXF 2 antibody; FREAC 2 antibody; FREAC2 antibody; OTTHUMP00000017863 antibody; anti-FOXF2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	3G1
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-FOXF2 antibody	IF (Immunofluorescence), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Recombinant FOXF2 of human origin.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of paraformaldehyde-fixed HeLa cells showing nuclear localization.



WB (Western Blot)

Western blot analysis of FOXF2 expression in HepG2 (A), HeLa (B), A549 (C) and THP-1 (D) nuclear extracts.

ADDITIONAL INFORMATION

Related Product Information for anti-FOXF2 antibody

The FOX family of transcription factors share a common DNA binding domain termed a winged-helix or forkhead domain. Many FOX proteins play important roles in development, metabolism, cancer and aging. Development of the vertebrate gut is controlled by paracrine crosstalk between the endodermal epithelium and the associated splanchnic mesoderm. FOXF2 (forkhead box F2), also known as FKHL or FREAC2, is expressed in lung and placenta, and has been shown to transcriptionally activate several lung-specific genes. FOXF2 interacts with transcription factors TFIIIB and TBP, and may be involved in regulating transcription in embryogenesis and pattern formation in multicellular organisms. FOXF2-deficient mice develop cleft palate and an abnormal tongue, which suggests that FOXF2 may be critical for palatogenesis.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557595
NCBI GeneID	2295
NCBI Accession #	NP_001443.1
NCBI GenBank Nucleotide #	NM_001452.1
UniProt Accession #	Q12947; Q5TGJ1; Q9UQ85
Molecular Weight	45,993 Da
NCBI Official Full Name	forkhead box protein F2
NCBI Official Synonym Full Names	forkhead box F2
NCBI Official Symbol	FOXF2
NCBI Official Synonym Symbols	FKHL6; FREAC2
NCBI Protein Information	forkhead box protein F2; FREAC-2; forkhead-like 6; OTTHUMP00000017863; forkhead-related activator 2; forkhead-related protein FKHL6; forkhead-related transcription factor 2
UniProt Protein Name	Forkhead box protein F2
UniProt Gene Name	FOXF2
UniProt Synonym Gene Names	FKHL6; FREAC2
UniProt Entry Name	FOXF2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/foxf2-antibody-clone-3g1-immunofluorescence-immunoprecipitation-western-blot-elisa/311983>