

Rabbit FOXF2 Polyclonal Antibody | anti-FOXF2 antibody

FOXF2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329132	Rabbit	Human, Mouse, RatPredicted Reactivity: Pig(100%), Bovine(100%), Rabbit(100%), Dog(100%)	ELISA

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

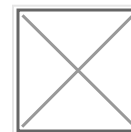
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Bovine(100%), Rabbit(100%), Dog(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	FOXF2 Antibody detects endogenous levels of total FOXF2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	444
Applicable Applications for anti-FOXF2 antibody	ELISA
Immunogen	A synthesized peptide derived from human FOXF2, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA329132 staining A549 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA329132) and mouse anti-beta tubulin Ab(T0023) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI (blue).



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, using FOXF2 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-FOXF2 antibody	Function: Probable transcription activator for a number of lung-specific genes (PubMed:8626802). Mediates up-regulation of the E3 ligase IRF2BPL and drives ubiquitination and degradation of CTNNB1 (PubMed:29374064). Subcellular Location: Nucleus. Tissue Specificity: Lung and placenta (PubMed:8626802). Predominantly expressed in gastrointestinal tract including stomach (PubMed:29374064). Subunit Structure: Interacts with the transcription factors TBP and TFIIB. Similarity: Two activation domains, AD1 and AD2, C-terminal of (and distinct from) the forkhead domains are necessary for transcriptional activation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557595
NCBI GeneID	2295
NCBI Accession #	NP_001443.1
NCBI GenBank Nucleotide #	NP_001443.1
UniProt Accession #	Q12947
Molecular Weight	Observed Molecular Weight: (Observed)45kD. Predicted Molecular Weight: (Calculated)46kDa.
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; FREAC-2
NCBI Protein Information	forkhead box protein F2
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.