

Datasheet for ABIN2780365
anti-FOXJ1 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	FOXJ1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Cow, Horse, Guinea Pig, Pig, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXJ1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human FOXJ1
Sequence:	MAESWLRLSG AGPAEEAGPE GGLEEPDALD DSLTSLQWLQ EFSILNAKAP
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 92%, Horse: 92%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 93%, Rat: 93%, Sheep: 100%
Characteristics:	This is a rabbit polyclonal antibody against FOXJ1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	FOXJ1
Alternative Name:	FOXJ1 (FOXJ1 Products)

Target Details

Background: FOXJ1 is a member of forkhead/winged-helix transcription factor family, which play crucial roles during vertebrate development. FOXJ1 may play an important role in cell fate determination during lung development and in spermatogenesis. The unique pattern of FOXJ1 expression during human fetal development suggests a role for this forkhead/winged-helix factor during pulmonary and renal epithelial development. Single nucleotide polymorphisms were identified in FOXJ1 and a significant association was found with allergic rhinitis. FOXJ1 is a member of the forkhead gene family, which was originally identified in Drosophila. The forkhead family is composed of transcription factors with a conserved 100-amino acid DNA-binding motif. FOXJ1 is a member of the forkhead gene family, which was originally identified in Drosophila. The forkhead family is composed of transcription factors with a conserved 100-amino acid DNA-binding motif. [supplied by OMIM].

Alias Symbols: FKHL13, HFH-4, HFH4, MGC35202

Protein Interaction Partner: RPUSD1, SLC37A3, NMRAL1, TRMT6, TWF2, OIP5, THRA,

Protein Size: 421

Molecular Weight: 45 kDa

Gene ID: 2302

NCBI Accession: [NM_001454](#), [NP_001445](#)

UniProt: [Q92949](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 421 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

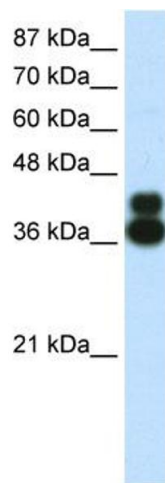
Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-FOXJ1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:500 Positive Control: HepG2 cell lysate