

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse FoxJ3 in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human FoxJ3 Met375-Tyr552 Accession # NP_055762
Conjugate	Alexa Fluor 532 Excitation Wavelength: 534 nm Emission Wavelength: 553 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.	

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

FoxJ3 (Forkhead box protein J3) is a 69 kDa (predicted) nuclear protein that is a Class 1 member of the Fox family of transcription factors. It is expressed in embryonic neuroectoderm, neural crest and somitic condensations, and is suggested to participate in terminal tissue differentiation. Human FoxJ3 is 622 amino acids (aa) in length. It contains one forkhead DNA binding region (aa 77-168) plus a phosphorylation site at Ser223. There are two potential splice variants. One shows a deletion of aa 177-210, while a second shows a 12 aa substitution for aa 177-622. Over aa 375-552, human FoxJ3 shares 93% aa identity with mouse FoxJ3.

PRODUCT SPECIFIC NOTICES

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