

FOXJ3 Polyclonal Antibody

Catalog Number: E-AB-15648



Note: Centrifuge before opening to ensure complete recovery of vial contents.

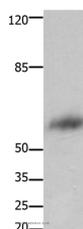
Description

Reactivity	Human, Mouse, Rat
Immunogen	Synthetic peptide of human FOXJ3
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Applications Recommended Dilution

WB	1:1000-1:3000
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Data



Western Blot analysis of Human liver cancer tissue using FOXJ3 Polyclonal Antibody at dilution of 1:800
Calculated Mw:69kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

forkhead/winged helix transcription factor, Foxj3, which was expressed in embryonic and adult skeletal muscle. The 100-kb, 13-exon mouse Foxj3 gene on chromosome 4 encodes a 623 amino acid (aa) protein from an mRNA of at least 4.8 kb (Human FOXJ3: Chr 1, 627 aa, 5.3-kb mRNA). During the stages of mouse development investigated Foxj3 is expressed in neuroectoderm, in neural crest, and in many structures derived from neural crest cells, such as facioacoustic, trigeminal, and dorsal root ganglia. Stripes of expression appear at E10.5 in the location of myotomes and expand ventrally in a pattern similar to the developing body wall musculature. Developing limbs have a complex pattern of Foxj3 expression that at E12.5 colocalizes with the condensed mesenchyme of the skeletal primordia.

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