SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-FOXJ3 antibody

Catalog Number: SL16167R

FOR RESEARCH USE ONLY

[DATASHEET]

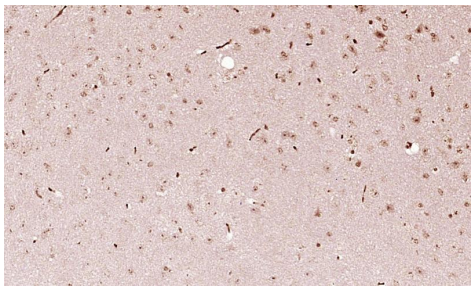
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	FOXJ3
Immunogen:	KLH conjugated synthetic peptide derived from human FOXJ3: 121-220/622
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse(predicted:Human,Rat,Dog,Cow,Horse,Rabbit,Sheep)
Predicted MW.:	69kDa
Subcellular Location:	The nucleus
Background:	FOXJ3 (forkhead box protein J3) is a 622 amino acid protein encoded by the human gene FOXJ3. FOXJ3, having one forkhead DNA-binding domain, is a novel forkhead factor and, as such, belongs to the forkhead protein family. The HNF3/forkhead family includes a large number of transcription factors that share a structurally related DNA binding domain. Forkhead factors are known to play important roles both during development and in adults. 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 FOXJ3 expression appear 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. **Subcellular Location:** Nucleus.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Similarity: Contains 1 fork-head DNA-binding domain. **Database links:** **Entrez Gene:** 22887 Human **Entrez Gene:** 230700 Mouse **Entrez Gene:** 313554 Rat **SwissProt:** Q9UPW0 Human **SwissProt:** Q8BUR3 Mouse **Unigene:** 26023 Human **Unigene:** 259227 Mouse **Unigene:** 202994 Rat

[VALIDATION IMAGES]



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FOXJ3) Polyclonal Antibody, Unconjugated (SL16167R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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