SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-FOXB2 antibody

Catalog Number: SL16161R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	FOXB2
Immunogen:	KLH conjugated synthetic peptide derived from human FOXB2: 351-432/432
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 ICC/IF=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,Cow,Rabbit)
Predicted MW.:	45kDa
Subcellular Location:	The nucleus
Background:	The Forkhead-box (FOX) genes comprise a superfamily of at least 43 members that encode proteins which are involved in transcriptional regulation and may be associated with the pathogenesis of various cancers. FOXB1 (forkhead box B1), also known as FKH5 or HFKH-5, and FOXB2 (forkhead box B2) are members of the FOX family and each contain one forkhead DNA-binding domain. Both FOXB1 and FOXB2 localize to the nucleus where they are thought to function as transcription factors that can bind to DNA via their forkhead domains. In mice, defects in the gene encoding FOXB1 are associated with retarded development of the central nervous system (CNS), suggesting that FOXB1 may play a role in CNS organization and function. **Function:** Transcription factor. **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:** 442425 Human **Entrez Gene:** 14240 Mouse **Entrez Gene:** 691398 Rat **SwissProt:** Q5VYV0 Human **SwissProt:** Q64733 Mouse **Unigene:** 553843 Human **Unigene:** 7971 Mouse

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