

## Mouse Anti-RBFOX2 antibody

SLM-60448M

<b>Product Name</b>	RBFOX2
<b>Chinese Name</b>	Fox2 单克隆抗体
<b>Alias</b>	Fox 1 homologue; Fox-1 homolog B; FXH; Hexaribonucleotide-binding protein 2; HNRBP2; Fox2; RBM9; RTA; Repressor of tamoxifen transcriptional activity; RFOX2_HUMAN; RNA binding motif protein 9; RNA binding protein 9; RNA binding protein fox-1 homolog 2; RNA-binding motif protein 9; RNA-binding protein 9;
<b>Immunogen Species</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Clone NO.</b>	H4B4
<b>React Species</b>	Human(predicted:Mouse,Rat) WB=1:500-1000
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Theoretical molecular weight</b>	41kDa
<b>Cellular localization</b>	The nucleus The cell membrane
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Lsotype</b>	IgG1/Kappa
<b>Purification</b>	Affinity purified by Protein G
<b>Buffer Solution</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
<b>Storage</b>	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
<b>Attention</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>PubMed</b>	<a href="#">PubMed</a>
<b>Product Detail</b>	This gene is one of several human genes similar to the C. elegans gene Fox-1. This gene encodes an RNA binding protein that is thought to be a key

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regulator of alternative exon splicing in the nervous system and other cell types. The protein binds to a conserved UGCAUG element found downstream of many alternatively spliced exons and promotes inclusion of the alternative exon in mature transcripts. The protein also interacts with the estrogen receptor 1 transcription factor and regulates estrogen receptor 1 transcriptional activity. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Subcellular Location:**

Nucleus. Cytoplasm.

**SWISS:**

O43251

**Gene ID:**

23543

**Database links:**

[Entrez Gene: 23543](#) Human

[Entrez Gene: 93686](#) Mouse

[Omim: 612149](#) Human

[SwissProt: O43251](#) Human

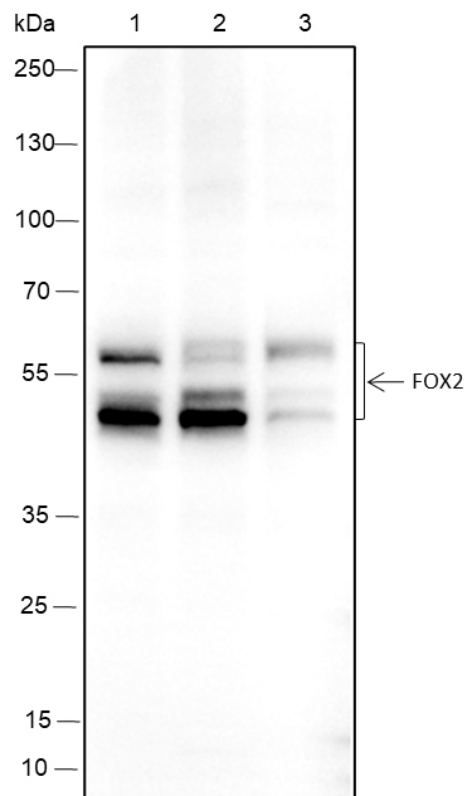
[SwissProt: Q8BP71](#) Mouse

[Unigene: 282998](#) Human

[Unigene: 202774](#) Mouse

RNABinding protein，通过结合 5'-UGCAUGU-3'元件调节选择性剪接事件。防止 U2AF2 与 3'-拼接位点结合。可以调节红细胞生成过程中组织特异性外显子和差异剪接外显子的选择性剪接。也是作为内质网- $\alpha$  协同调节因子的 RNABinding protein。

**Product Picture**



Blocking buffer: 5% NFDN/TBST

Primary ab dilution: 1:1000

Primary ab incubation condition: 4°C overnight

Secondary ab: Goat Anti-Mouse IgG H&L (HRP)

Lysate: HepG2,4T1, C6

Protein loading quantity: 20 µg

Exposure time: 60 s

Predicted MW: 48,50,62 kDa

Observed MW: 48,50,62 kDa