

Product Datasheet

SOX2 Rabbit Polyclonal Antibody (orb573909)

Catalog Number	orb573909
Category	Antibodies
Description	Rabbit polyclonal antibody to SOX2
Target	SOX2
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Frog, Human, Mouse
Predicted Reactivity	Bovine, Canine, Equine, Goat, Porcine, Rabbit, Rat, Sheep, Zebrafish
Form/Appearance	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml
Buffer/Preservatives	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification	Affinity Purified
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SOX2
Protein Sequence	Synthetic peptide located within the following region: MYNMMETELKPPGPQQTSGGGGGNSTAAAAGGNQKNSPDRVKRPMNAFMV
UniProt ID	P48431

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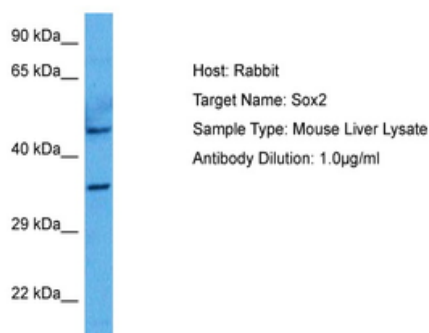
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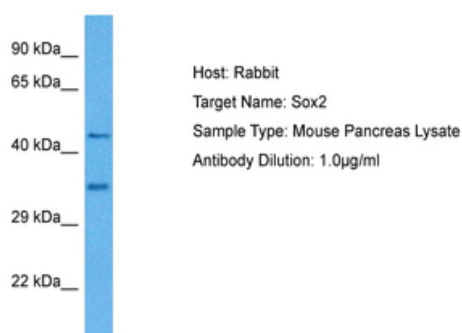
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MW	34kDa
Tested applications	IHC, WB
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
NCBI	NP_003097
Expiration Date	12 months from date of receipt.



Sample Tissue: Mouse Liver, Antibody dilution: 1 ug/ml.



Sample Tissue: Mouse Pancreas, Antibody dilution: 1 ug/ml.

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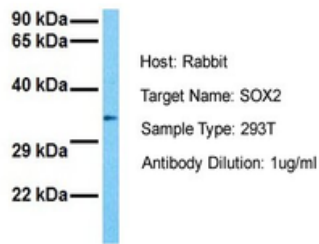
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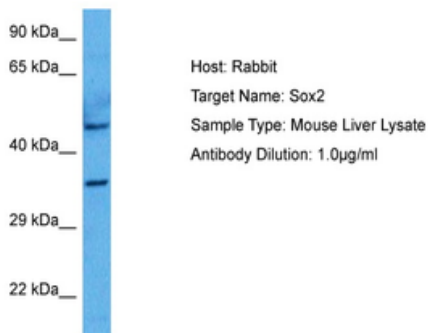
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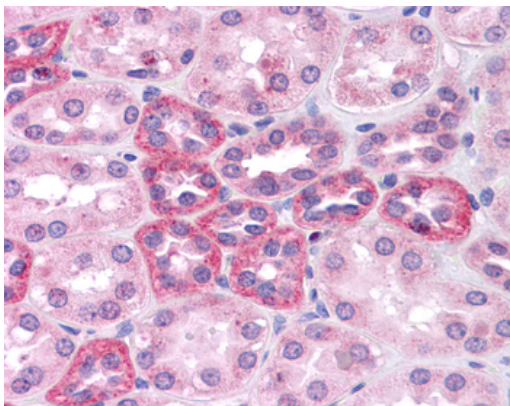
SOX2



Sample Tissue: Human 293T, Antibody dilution: 1.0 ug/ml.



Sample Tissue: Mouse Liver, Antibody dilution: 1 ug/ml.



Human kidney

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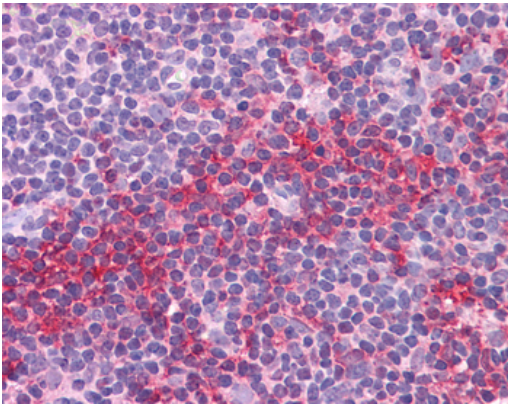
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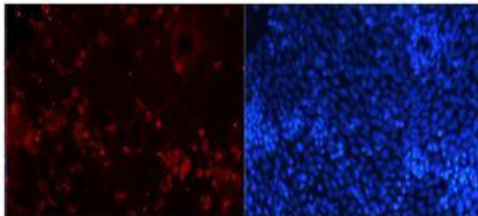
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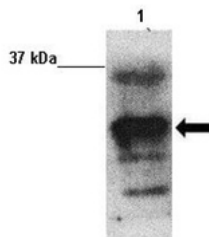


Human Spleen

SOX2

Red: SOX2 Blue: Nuclei

Application: IHC Species+tissue/cell type: Xenopus laevis cornea epithellium Primary antibody dilution: 1:300 Secondary antibody: Goat anti-rabbit -rhodamine Secondary antibody dilution: 1:300.

SOX2

Sample Type: Lane 1: 20 ug U87 lysate, Primary Antibody dilution: 1:1000, Secondary Antibody: Anti-rabbit-HRP, Secondary Antibody dilution: 1:2000.

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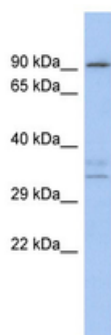
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WB Suggested Anti-SOX2 Antibody Titration: 0.2-1 ug/ml, ELISA Titer: 1:500, Positive Control: OVCAR-3 cell lysate, There is BioGPS gene expression data showing that SOX2 is expressed in OVCAR3.

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