

Product Datasheet

SOX4 Rabbit Polyclonal Antibody (orb576583)

Catalog Number	orb576583
Category	Antibodies
Description	Rabbit polyclonal antibody to SOX4
Target	SOX4
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Human, Mouse
Predicted Reactivity	Bovine, Canine, Equine, Goat, Guinea pig, Rabbit, Rat, 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 SOX4
Protein Sequence	Synthetic peptide located within the following region: STASTGGKADDPSWCKTPSGHIKRPMNAMVWSQIERRKIMEQSPDMHNA
UniProt ID	Q06945

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7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

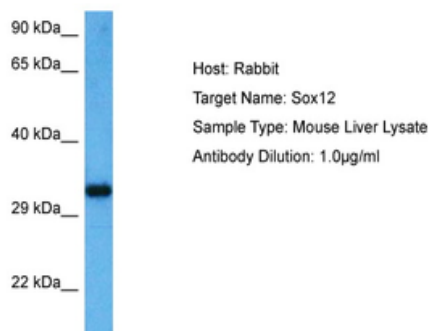
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

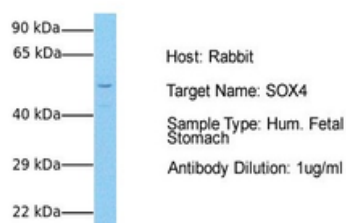
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MW	47 kDa
Tested applications	IHC, WB
Specificity	Peptide immunogen shares 93% with human SOX11.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
NCBI	NP_003098
Expiration Date	12 months from date of receipt.



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

SOX4



Sample Tissue: Human Fetal Stomach, Antibody Dilution: 1.0 ug/ml.

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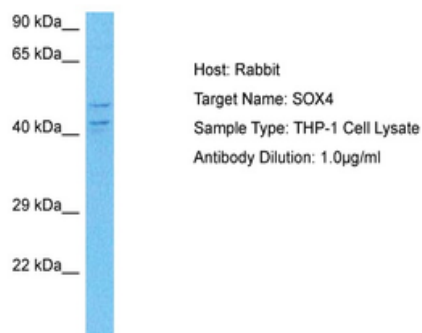
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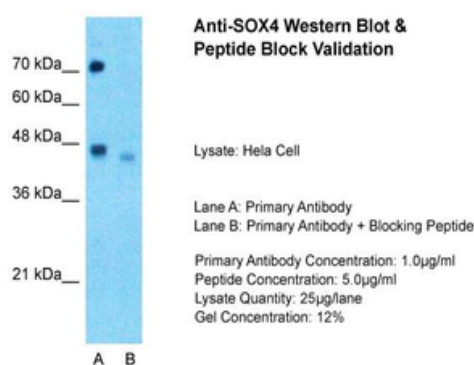
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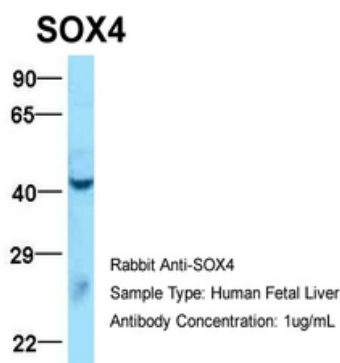
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Sample Tissue: Human THP-1 Whole Cell, Antibody Dilution: 1 ug/ml.



Sample Type: HeLa, Lane A: Primary Antibody, Lane B: Primary Antibody + Blocking Peptide, Primary Antibody Concentration: 1 ug/ml, Peptide Concentration: 5 ug/ml, Lysate Quantity: 25 ug/lane/lane, Gel Concentration: 0.12.



Sample Type: Human Fetal Liver, Antibody Dilution: 1.0 ug/ml.

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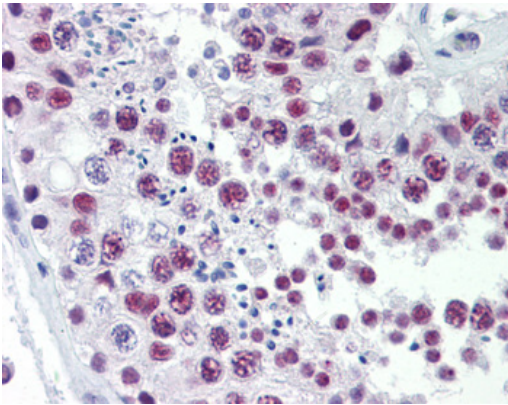
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Human Testis



lane 1: Human Testis, primary antibody: SOX4 antibody - N-terminal region (orb576583), primary antibody dilution: 1:1000, secondary antibody: goat anti-rabbit-HRP, secondary antibody dilution: 1:10000, blocking buffer: 3% milk in TBST, Actual Primary Conc (mg/mL): 0.9, Expected Primary Conc (mg/mL): 0.5.



lane 1: Human Testis, primary antibody:SOX4 antibody - N-terminal region (orb576583), primary antibody dilution: 1:1000, secondary antibody: goat anti-rabbit-HRP, secondary antibody dilution: 1:10000, blocking buffer: 3% milk in TBST, Actual Primary Conc (mg/mL): 1.9, Expected Primary Conc (mg/mL): 0.5.

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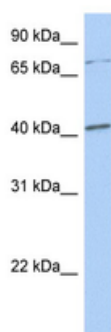
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WB Suggested Anti-SOX4 Antibody Titration: 0.2-1 ug/ml. A: - blocking peptide. B: + blocking peptide.



WB Suggested Anti-SOX4 Antibody Titration: 1 ug/ml, Positive Control: Hela cell lysate.

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