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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP57903_P050-Biotin
Product Page	www.avivasysbio.com/tbx2-antibody-n-terminal-region-biotin-arp57903-p050-biotin.html
Name	TBX2 Antibody - N-terminal region : Biotin (ARP57903_P050-Biotin)
Protein Size (# AA)	702 amino acids
Molecular Weight	74kDa
Conjugation	Biotin
NCBI Gene Id	6909
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	T-box 2
Alias Symbols	VETD
Peptide Sequence	Synthetic peptide located within the following region: EAGLHVSALGPHPPAAHLRSLKLSLEPEDEVEDDPKVTLEAKELWDQFHKL
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Abrahams,A., (2008) J. Biol. Chem. 283 (4), 2223-2230
Description of Target	<p>This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. TBX2 is the human homolog of mouse Tbx2, and shares strong sequence similarity with Drosophila omb protein. Expression studies indicate that this gene may have a potential role in tumorigenesis as an immortalizing agent. This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. This gene product is the human homolog of mouse Tbx2, and shares strong sequence similarity with Drosophila omb protein. Expression studies indicate that this gene may have a potential role in tumorigenesis as an immortalizing agent. Transcript heterogeneity due to alternative polyadenylation has been noted for this gene. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p>
Protein Interactions	SOX2; SUMO1; EGR1; LZTR1; CEBPE; NKX2-5;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-TBX2 (ARP57903_P050-Biotin) antibody
Blocking Peptide	For anti-TBX2 (ARP57903_P050-Biotin) antibody is Catalog# AAP57903 (Previous Catalog# AAPP32314)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TBX2
Uniprot ID	Q13207
Protein Name	T-box transcription factor TBX2
Protein Accession #	NP_005985
Purification	Affinity Purified
Nucleotide Accession #	NM_005994
Gene Symbol	TBX2
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 79%; Human: 100%; Mouse: 100%; Rabbit: 85%; Rat: 86%; Zebrafish: 93%
Image 1	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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