

Datasheet for ABIN6719624
anti-SOX15 antibody (AA 1-233)



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Overview

Quantity:	100 µg
Target:	SOX15
Binding Specificity:	AA 1-233
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOX15 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-SOX15 Antibody Picoband®
Immunogen:	E.coli-derived human SOX15 recombinant protein (Position: M1-L233).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-SOX15 Antibody Picoband® (ABIN6719624). Tested in ELISA, Flow Cytometry, IF, IHC, ICC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	SOX15
Alternative Name:	SOX15 (SOX15 Products)
Background:	<p>Synonyms: Protein SOX-15, Protein SOX-12, Protein SOX-20, SOX15, SOX12, SOX20, SOX26, SOX27</p> <p>Tissue Specificity: Widely expressed in fetal and adult tissues examined, highest level found in fetal spinal cord and adult brain and testis.</p> <p>Background: Protein SOX-15 is a protein that in humans is encoded by the SOX15 gene. This gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins.</p>
Molecular Weight:	29 kDa
Gene ID:	6665
UniProt:	O60248

Application Details

Application Notes:	<p>Western blot, 0.1-0.5 µg/mL</p> <p>Immunohistochemistry (Paraffin-embedded Section), 0.5-1 µg/mL</p> <p>Immunocytochemistry/Immunofluorescence, 2 µg/mL</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells</p> <p>ELISA, 0.1-0.5 µg/mL</p> <p>1. Cremazy, F., Soullier, S., Berta, P., Jay, P. Further complexity of the human SOX gene family revealed by the combined use of highly degenerate primers and nested PCR. FEBS Lett. 438: 311-314, 1998. 2. Lee, H.-J., Goring, W., Ochs, M., Muhlfeld, C., Steding, G., Paprotta, I., Engel, W., Adham, I. M. Sox15 is required for skeletal muscle regeneration. Molec. Cell. Biol. 24: 8428-8436, 2004.</p>
Comment:	<p>Tested Species: In-house tested species with positive results. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections. Other applications have not been tested. Optimal dilutions should be determined by end users.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.