

Rabbit SOX3 Polyclonal Antibody | anti-SOX3 antibody

SOX3 Antibody (Center P204)

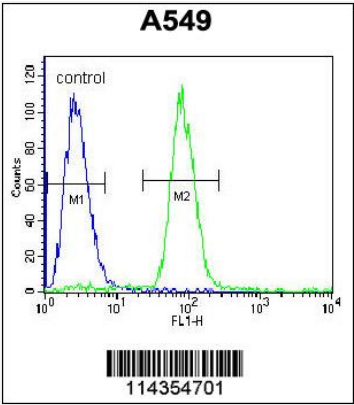
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284383	Rabbit	Human (Predicted Reactivity: Zebrafish, Chicken, Mouse, Xenopus)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

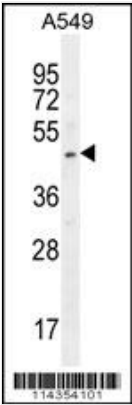
SOX3; Polyclonal Antibody; SOX3 Antibody (Center P204); Transcription factor SOX-3; anti-SOX3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Zebrafish, Chicken, Mouse, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SOX3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 189-218 amino acids from the Central region of human SOX3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	189-218
Sequence Length	446
Applicable Applications for anti-SOX3 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
SOX3 Antibody (Center P204) flow cytometric analysis of A549 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
SOX3 Antibody (Center P204) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the SOX3 antibody detected the SOX3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SOX3 antibody	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. Mutations in this gene have been associated with X-linked mental retardation with growth hormone deficiency.
Product Categories/Family for anti-SOX3 antibody	Neuroscience
References	Dateki, S., et al. J. Clin. Endocrinol. Metab. 95(8):4043-4047(2010) Sato, Y., et al. Mol. Cell. Biochem. 337 (1-2), 267-275 (2010) : Mojsin, M., et al. Biochem. J. 425(1):107-116(2010) Bleyl, S.B., et al. Am. J. Med. Genet. A 143A (23), 2785-2795 (2007) : Krstic, A., et al. Arch. Biochem. Biophys. 467(2):163-173(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	30061556
NCBI GeneID	6658
NCBI Accession #	NP_005625.2
NCBI GenBank Nucleotide #	NM_005634.2
UniProt Accession #	P41225; P35714; Q5JWI3; Q9NP49
Molecular Weight	45210
NCBI Official Full Name	transcription factor SOX-3
NCBI Official Synonym Full Names	SRY (sex determining region Y)-box 3
NCBI Official Symbol	SOX3
NCBI Official Synonym Symbols	PHP; GHDX; MRGH; PHPX; SOXB
NCBI Protein Information	transcription factor SOX-3
UniProt Protein Name	Transcription factor SOX-3

UniProt Gene Name	SOX3
UniProt Entry Name	SOX3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/sox3-antibody-flow-cytometry-western-blot-elisa/284383>