

Rabbit anti-Human SOX3 Polyclonal Antibody | anti-SOX3 antibody

SOX3 Antibody

CATALOG # AAA234429	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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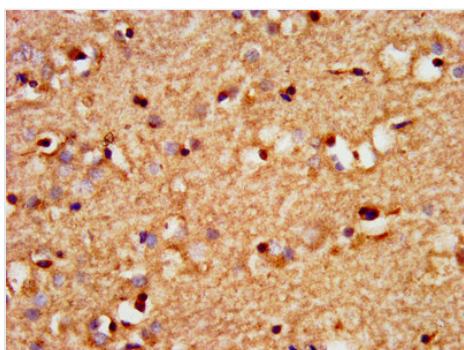
PRODUCT SYNONYMS

SOX3; Polyclonal Antibody; SOX3 Antibody; Transcription factor SOX-3; anti-SOX3 antibody

PRODUCT SPECIFICATIONS

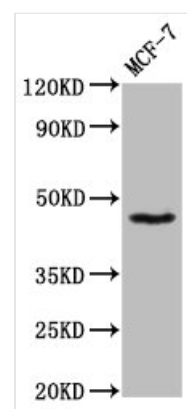
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	446
Applicable Applications for anti-SOX3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Transcription factor SOX-3 protein (4-118AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

IHC image of AAA234429 diluted at 1:300 and staining in paraffin-embedded human brain tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western Blot Positive WB detected in: MCF-7 whole cell lysate All lanes: SOX3 antibody at 8.6ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 46 KDa Observed band size: 46 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-SOX3 antibody	Transcription factor required during the formation of the hypothalamo-pituitary axis. May function as a switch in neuronal development. Keeps neural cells undifferentiated by counteracting the activity of proneural proteins and suppresses neuronal differentiation. Required also within the pharyngeal epithelia for craniofacial morphogenesis. Controls a genetic switch in male development. Is necessary for initiating male sex determination by directing the development of supporting cell precursors (pre-Sertoli cells) as Sertoli rather than granulosa cells (By similarity).
Product Categories/Family for anti-SOX3 antibody	Epigenetics and Nuclear Signaling; Neuroscience; Signal transduction

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	45,210 Da
NCBI Official Full Name	transcription factor SOX-3
NCBI Official Synonym Full Names	SRY-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

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-immunohistochemistry-western-blot-elisa/234429>