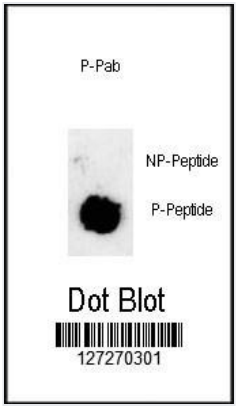
Sox2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Sox2, Polyclonal Antibody
Full Product Name	Sox2, phosphorylated (S251) (SOX2, Transcription factor SOX-2)
Product Synonym Names	Anti -Sox2, phosphorylated (S251) (SOX2, Transcription factor SOX-2)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Human
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Immunogen	phospho-Sox2-pS251 Antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected surrounding S251 of human Sox2.
Product Categories/Family for anti-Sox2 antibody	Antibodies; Abs to Transcription Factors
Applications Tested/Suitable for anti-Sox2 antibody	ELISA (EL/EIA), Gel Shift Assay (GS/EMSA)
Application Notes for anti-Sox2 antibody	Suitable for use in Dot Blot, ELISA Dilution: ELISA: 1:1,000 Dot blot 1:100-500
Related Product Information for anti-Sox2 antibody	This intronless gene encodes a member of the SRY-related HMG-box (SOX) family of transcription factors involved in the regulation of embryonic development and in the determination of cell fate. The product of this gene is required for stem-cell maintenance in the central nervous system, and also regulates gene expression in the stomach. Mutations in this gene have been associated with optic nerve hypoplasia and with syndromic microphthalmia, a severe form of structural eye malformation. This gene lies within an intron of another gene called SOX2 overlapping transcript (SOX2OT).
Other Notes	Small volumes of anti-Sox2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Sox2 purchase	MBS6010242 is an antibody targeting Sox2. Also known as Sox2, phosphorylated (S251) (SOX2, Transcription factor SOX-2). Reactive in Human. Host: Rabbit.



Dot Blot (DB) of anti-Sox2 antibody
Dot blot analysis of anti-phospho-Sox2-pS251 Phospho-specific Pab on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.6ug per ml.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Sox2. It may not necessarily be applicable to this product.

NCBI GI #	126723914
NCBI Accession #	ABO26870.1
NCBI Official Full Name	Sox2
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/sox2/6010242