



[Go to Product page](#)

Datasheet for ABIN2777860
anti-SOX3 antibody (N-Term)

3 Images

Overview

Quantity:	100 µL
Target:	SOX3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Dog, Rabbit, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOX3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SOX3
Sequence:	LETELKNPVG TPTQAAGTGG PAAPGGAGKS SANAAGGANS GGGSSGGASG
Predicted Reactivity:	Dog: 85%, Human: 100%, Mouse: 85%, Pig: 92%, Rabbit: 85%
Characteristics:	This is a rabbit polyclonal antibody against SOX3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	SOX3
Alternative Name:	SOX3 (SOX3 Products)

Target Details

Background: SOX3 is 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.

Alias Symbols: PHP, GHDX, MRGH, PHPX, SOXB

Protein Interaction Partner: TRRAP, SUMO1, SUMO2, PAX6,

Protein Size: 446

Molecular Weight: 45 kDa

Gene ID: 6658

NCBI Accession: [NM_005634](#), [NP_005625](#)

UniProt: [P41225](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 446 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

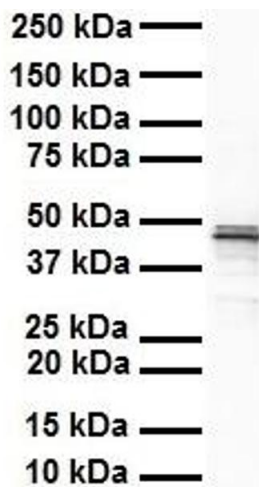
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



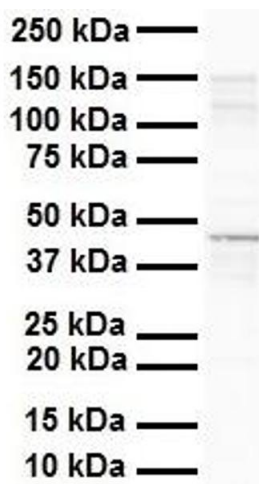
Western Blotting

Image 1. WB Suggested Anti-SOX3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:2500 Positive Control: Raji cell lysate
SOX3 is supported by BioGPS gene expression data to be expressed in Raji



Western Blotting

Image 2. WB Suggested Anti-SOX3 antibody Titration: 1 ug/mL Sample Type: Human heart



Western Blotting

Image 3. WB Suggested Anti-SOX3 antibody Titration: 1 ug/mL Sample Type: Human liver