

Datasheet for ABIN614858  
**anti-SOX13 antibody (AA 75-520)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	0.1 mL
Target:	SOX13
Binding Specificity:	AA 75-520
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOX13 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant fragment corresponding to a region within amino acids 75 and 520 of SOX13
Specificity:	Recognizes SRY (sex determining region Y)-box 13/SOX13 Cellular Localization: Nucleus.
Cross-Reactivity (Details):	Species reactivity (expected):Mouse (94 %), Rat (93 %). Species reactivity (tested):Human.
Purification:	Antigen-Affinity Chromatography

## Target Details

Target:	SOX13
Alternative Name:	SOX13 ( <a href="#">SOX13 Products</a> )

## Target Details

**Background:** 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 cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. It has also been determined to be a type-1 diabetes autoantigen, also known as islet cell antibody 12. **Synonyms:** Islet cell antigen 12, SRY-box 13, Transcription factor SOX-13

**Gene ID:** 9580, 9606

**UniProt:** [Q9UN79](#)

## Application Details

**Application Notes:** Optimal working dilution should be determined by the investigator.

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 1.0 mg/mL

**Buffer:** 0.1 M Tris, 0.1 M Glycine, 10 % Glycerol ( pH 7), 0.01 % Thimerosal

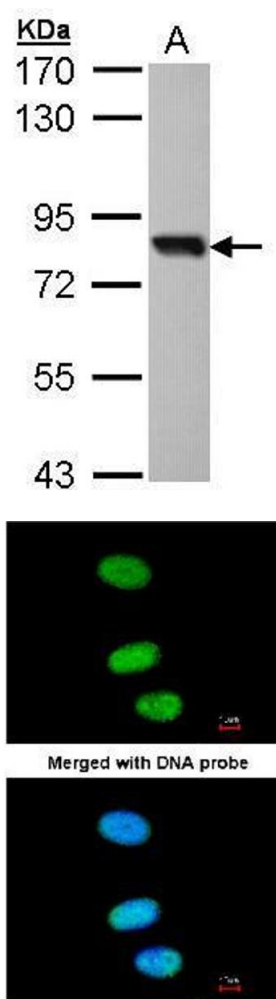
**Preservative:** Thimerosal (Merthiolate)

**Precaution of Use:** This product contains thimerosal (merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Handling Advice:** Avoid repeated freezing and thawing.

**Storage:** -20 °C

**Storage Comment:** Store the antibody undiluted (in aliquots) at -20 °C.



Western Blotting

**Image 1.** AP22458PU-N SOX13 antibody staining of Molt-4 at 1/1000 (A). Sample: 30 µg of whole cell lysate, 7.5% SDS PAGE

Immunofluorescence

**Image 2.** Immunofluorescence analysis of paraformaldehyde-fixed HeLa using AP22458PU-N SOX13 antibody at 1/200 dilution