

## SOX9 (phospho Ser181) antibody

**Cat. No. GTX23696**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, Dot
<b>Reactivity</b>	Human, Mouse, Bovine

**Package**  
50 µg

## Applications

**Application Note**

Dot Blot : 1.0 µg/ml

WB : 0.5 to 2.0 µg/ml

Optimal dilutions / concentrations should be determined by the end user.

**Calculated MW** 56 kDa. ( [Note](#) )**Product Note**

This antibody reacts predominantly with phosphorylated SOX 9. The antibodies were evaluated for specificity with a dot blot assay using synthetically prepared SOX 9 peptides. It only recognizes the phosphorylated serine 181 of human SOX 9, not other phosphorylated sites or non-phosphorylated SOX 9.

## Properties

**Form** Liquid**Buffer** PBS, 0.1% BSA**Preservative** 0.05% Sodium azide**Storage** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.**Concentration** 0.2 mg/ml (Please refer to the vial label for the specific concentration.)**Immunogen** Synthetic peptide (QPRRRKpSVKNG) corresponding to human / mouse / bovine SOX 9 at the phosphorylation site of Serine 181.**Purification** Immunogen affinity purified**Conjugation** Unconjugated**Note**

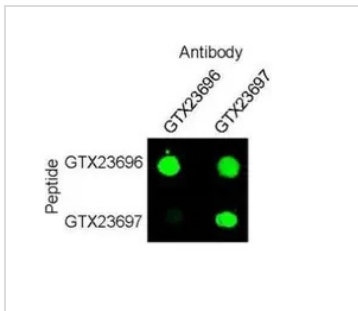
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## DATA IMAGES

**GTX23696 Dot Image**

Dot blot analysis of the SOX-9 peptide (pSer181) and SOX-9 peptide probed with the anti-SOX-9 (pSer181) (GTX23696) and anti-SOX-9 (GTX23697).

The staining shows that the anti-SOX-9 (pSer181) recognized the SOX-9 peptide (pSer181) only; while the anti-SOX-9 could bind both the SOX-9 peptide (pSer181) and SOX-9 peptide.



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