

SOX9 (phospho Ser181) antibody

Cat. No. GTX23696

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, Dot
Reactivity	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

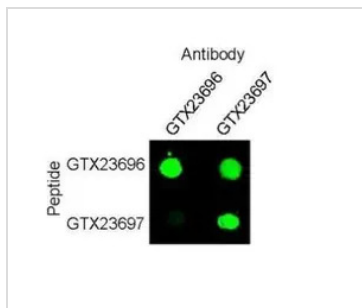
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DATA IMAGES

**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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