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 4ºC. For long-term storage, aliquot and store at -20ºC 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 thephosphorylation site of Serine 181.
Purification	Immunogen affinity purified
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

For full product information, images and publications, please visit our website.

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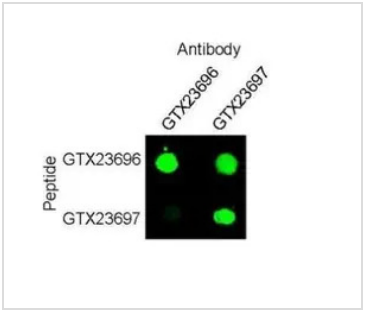
DATA IMAGES



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; whole the anti-SOX-9 could bind both the SOX-9 peptide (pSer181) and SOX-9 peptide.

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