



# SOX3 Monoclonal Antibody

Catalog No	BYmab-06798
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	SOX3
Protein Name	Transcription factor SOX-3
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	SOX3 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	49kD
Cell Pathway	Nucleus.
Tissue Specificity	Brain,Spinal cord,
Function	caution:Was originally (PubMed:1614875) termed SOX-9.,disease:Defects in SOX3 are a cause of panhypopituitarism X-linked (PHPX) [MIM:312000]. Affected individuals have absent infundibulum, anterior pituitary hypoplasia, and ectopic posterior pituitary.,disease:Defects in SOX3 are the cause of mental retardation X-linked with isolated growth hormone deficiency (MRXGH) [MIM:300123].,similarity:Contains 1 HMG box DNA-binding domain.,
Background	SRY-box 3(SOX3) Homo sapiens 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 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

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retardation with growth hormone deficiency. [provided by RefSeq, Jul 2008],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images

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