SOX9 Monoclonal antibody, PBS Only

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Catalog Number:67439-1-PBS

Featured Product

Basic Information

Catalog Number: 67439-1-PBS	**GenBank Accession Number:** BC007951	**Purification Method:** Protein A purification
Size: 1mg/ml	**GeneID (NCBI):** 6662	**CloneNo.:** 1H9A6
Source: Mouse	**UNIPROT ID:** P48436	
Isotype: IgG1	**Full Name:** SRY (sex determining region Y)-box 9	
Immunogen Catalog Number: AG28620	**Calculated MW:** 509 aa, 56 kDa	
	Observed MW: 56 kDa	

Applications

Tested Applications:
WB, ELISA

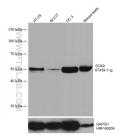**Species Specificity:**
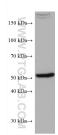Human, mouse

Background Information

SOX9, also named as Transcription factor SOX-9, is a 509 amino acid protein. Sex-determining region Y (SRY)-box 9 protein (SOX9) is a member of the SOX family of transcription factors (TFs) which are developmental regulators that possess high mobility group (HMG) box DNA binding and transactivation domains. It participates in a variety of functions, such as lineage restriction and terminal diferentiation, through precise temporal and spatial expression patterns that difer between particular cell types and tissues. SOX9 gene has been implicated in different types of cancer as an oncogene; however, it also may behave as a tumor suppressor.

Storage

Storage:
Store at -80℃.
Storage Buffer:
PBS only

Various lysates were subjected to SDS PAGE followed by western blot with 67439-1-Ig (SOX9 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 67439-1-PBS in a different storage buffer formulation.

human placenta tissue were subjected to SDS PAGE followed by western blot with 67439-1-Ig (SOX9 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67439-1-PBS in a different storage buffer formulation.