

Recombinant SOX17 Monoclonal Antibody

catalog number: **AN301960L**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

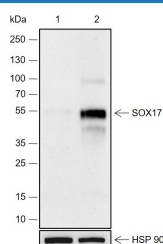
Reactivity	Human;
Immunogen	Recombinant human SOX17 fragment
Host	Rabbit
Isotype	IgG, κ
Clone	A676
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

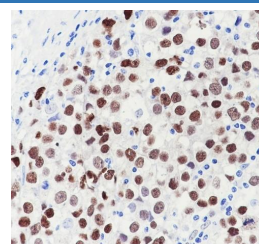
WB	1:1000-1:2000
IHC	1:100-1:200

Data



Western Blot with SOX17 Monoclonal Antibody at dilution of 1:1000. Lane 1: HeLa (Low expression) , Lane 2: SK-OV-3

Observed-MW:55 kDa
Calculated-MW:55 kDa



Immunohistochemistry of paraffin-embedded Human seminoma using SOX17 Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

SRY-related high mobility group box (SOX) proteins comprise a large family of widely conserved transcription factors. SOX proteins do not directly mediate transcription, but require binding partners that regulate their ability to mediate transcription of target genes that control cell fate determination and development. Transcription factor Sox17 is a Sox family protein with an established role in endoderm specification during development. In addition, Sox17 plays essential roles in the maintenance of the hematopoietic stem cell pool and for vascular morphogenesis during development. Sox17 negatively regulates oligodendrocyte precursor differentiation by antagonizing β -catenin signaling. Mutation in the corresponding Sox17 gene in humans is associated with a form of vesicoureteral reflux, a disorder characterized by congenital kidney and urinary tract defects.

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