

ARG59127 anti-SOX5 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes SOX5
Tested Reactivity	Hu, Ms, Rat, Pig
Predict Reactivity	Bov
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SOX5
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 495-528 of Human SOX5. (EKEKTTLESLTQQLAVKQNEEGKFHAMMDFNLS)
Conjugation	Un-conjugated
Alternate Names	L-SOX5B; L-SOX5; Transcription factor SOX-5; L-SOX5F

Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

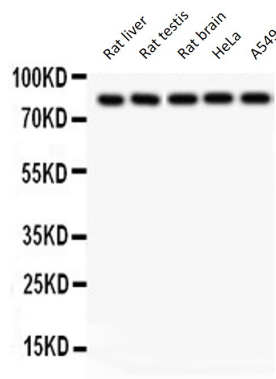
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

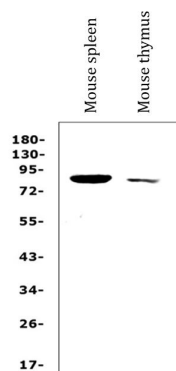
Gene Symbol	SOX5
Gene Full Name	SRY (sex determining region Y)-box 5
Background	This gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. The encoded protein may play a role in chondrogenesis. A pseudogene of this gene is located on chromosome 8. Multiple transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]
Function	Binds specifically to the DNA sequence 5'-AACAAAT-3'. Activates transcription of COL2A1 and AGC1 in vitro. [UniProt]
Calculated Mw	84 kDa
Cellular Localization	Nucleus. [UniProt]

Images



ARG59127 anti-SOX5 antibody WB image

Western blot: 50 µg of Rat liver, Rat testis, Rat brain, 40 µg of HeLa and A549 lysates stained with ARG59127 anti-SOX5 antibody at 0.5 µg/ml dilution.



ARG59127 anti-SOX5 antibody WB image

Western blot: 50 µg of sample under reducing conditions. Mouse spleen and Mouse thymus lysates stained with ARG59127 anti-SOX5 antibody at 0.5 µg/ml dilution, overnight at 4°C.