

**ARG56132**  
**anti-SOX17 antibody**Package: 50 µg  
Store at: -20°C**Summary**

Product Description	Rabbit Polyclonal antibody recognizes SOX17
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Specificity	This antibody is Human, Mouse and Rat reactive. SOX17 is predicted to not cross-react with other SOX proteins.
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SOX17
Species	Human
Immunogen	Synthetic peptide (16 aa) within aa. 240-290 of Human SOX17.
Conjugation	Un-conjugated
Alternate Names	VUR3; Transcription factor SOX-17

**Application Instructions**

Application table	Application	Dilution
	ICC/IF	20 µg/ml
	WB	0.5 - 1 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HepG2 cell lysate	

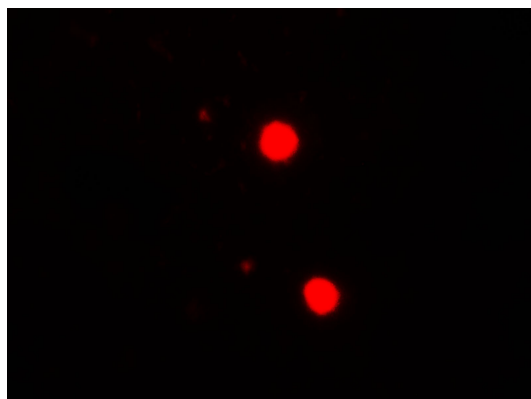
**Properties**

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS and 0.02% Sodium azide
Preservative	0.02% Sodium azide
Concentration	1 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.

## Bioinformation

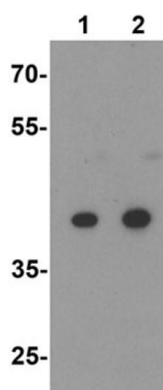
Database links	<a href="#">GeneID: 20671 Mouse</a> <a href="#">GeneID: 64321 Human</a> <a href="#">Swiss-port # Q61473 Mouse</a> <a href="#">Swiss-port # Q9H6I2 Human</a>
Gene Symbol	SOX17
Gene Full Name	SRY (sex determining region Y)-box 17
Background	This gene encodes a member of the SOX (SRY-related 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. [provided by RefSeq, Jul 2008]
Function	Acts as transcription regulator that binds target promoter DNA and bends the DNA. Binds to the sequences 5'-ACAAT-3' or 5'-AACAAAG-3'. Modulates transcriptional regulation via WNT3A. Inhibits Wnt signaling. Promotes degradation of activated CTNNB1. Plays a key role in the regulation of embryonic development. Required for normal looping of the embryonic heart tube. Required for normal development of the definitive gut endoderm. Probable transcriptional activator in the premeiotic germ cells (By similarity). [UniProt]
Calculated Mw	44 kDa

## Images



ARG56132 anti-SOX17 antibody IF image

Immunofluorescence: Mouse liver tissue stained with ARG56132 anti-SOX17 antibody at 20 µg/ml dilution.



ARG56132 anti-SOX17 antibody WB image

Western blot: HepG2 cell lysate stained with ARG56132 anti-SOX17 antibody at (A) 0.5 and (B) 1 µg/ml dilution.