

Datasheet for ABIN6741583
anti-SOX17 antibody (C-Term)



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3 Images

Overview

Quantity:	100 µL
Target:	SOX17
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOX17 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide from C-Terminus of human SOX17 (Q9H6I2, NP_071899). Percent identity by BLAST analysis: Human, Gorilla, Gibbon (100%), Monkey, Elephant, Panda, Bat, Pig, Guinea pig (92%), Galago, Marmoset, Mouse, Rat, Dog (85%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human SOX17
Predicted Reactivity:	Percent identity by BLAST analysis: Human (100%) Guinea pig (92%) Mouse, Rat, Dog (85%).
Purification:	Immunoaffinity purified

Target Details

Target:	SOX17
Alternative Name:	SOX17 (SOX17 Products)
Background:	Name/Gene ID: SOX17 Family: Transcription factor Synonyms: SOX17, Transcription factor SOX-17, VUR3
Gene ID:	64321
NCBI Accession:	NP_071899
UniProt:	Q9H6I2

Application Details

Application Notes:	Approved: IHC, IHC-P (5 - 10 µg/mL), WB (0.2 - 1 µg/mL) Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL. Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody. ELISA titer in peptide based assay: 1:312500.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

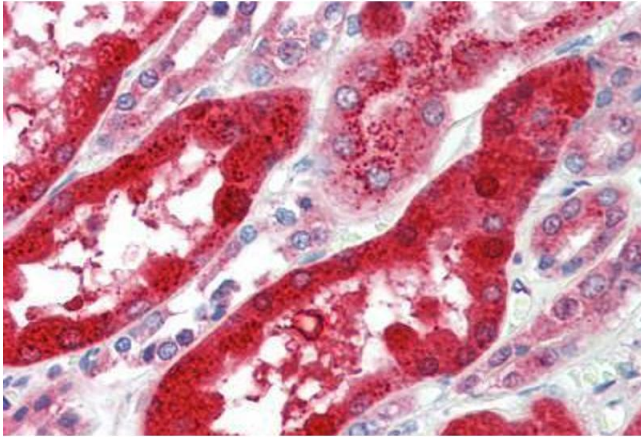
Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.

Handling

Storage: 4 °C, -20 °C

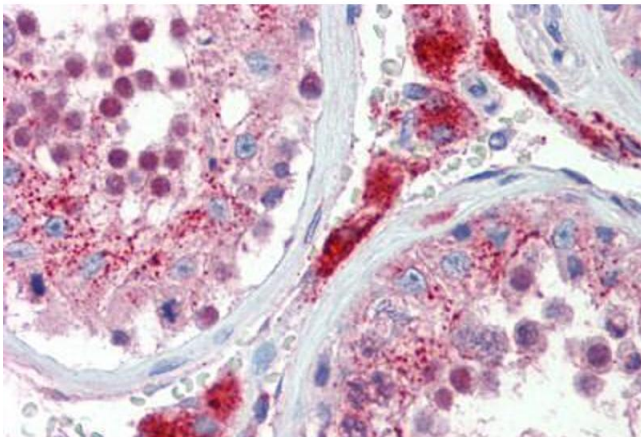
Storage Comment: Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)
Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



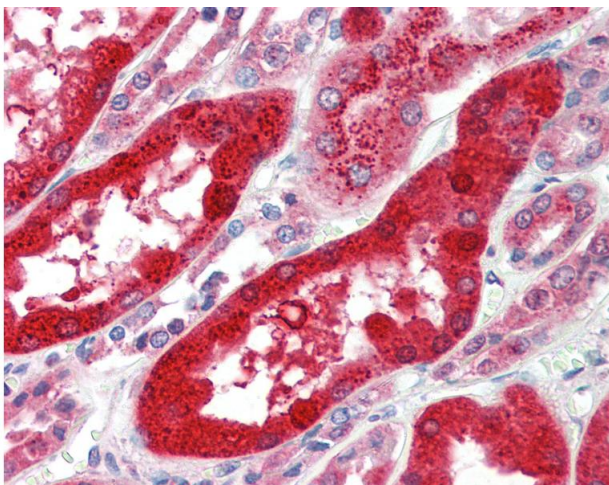
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Kidney (formalin-fixed, paraffin-embedded) stained with SOX17 antibody ABIN462221 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Testis (formalin-fixed, paraffin-embedded) stained with SOX17 antibody ABIN462221 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 3. Anti-SOX17 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other for ...