



Datasheet for ABIN6736757  
**anti-SOX12 antibody (C-Term)**



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2 Images

Overview

Quantity:	100 µL
Target:	SOX12
Binding Specificity:	C-Term
Reactivity:	Human, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOX12 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 SOX12 (O15370, NP_008874). Percent identity by BLAST analysis: Human, Chimpanzee, Gibbon (100%), Galago, Mouse, Rat, Dog, Horse (92%), Guinea pig (84%).  Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human SOX12
Predicted Reactivity:	Percent identity by BLAST analysis: Human (100%) Mouse, Rat, Dog (92%) Guinea pig (84%).
Purification:	Immunoaffinity purified

## Target Details

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Target:	SOX12
Alternative Name:	SOX12 ( <a href="#">SOX12 Products</a> )
Background:	Name/Gene ID: SOX12 Family: Transcription factor  Synonyms: SOX12, Protein SOX-22, SOX-22 protein, SOX22, SRY-related HMG-box gene 22, Sox-12, Transcription factor SOX-12
Gene ID:	6666
NCBI Accession:	<a href="#">NP_008874</a>
UniProt:	<a href="#">O15370</a>

## Application Details

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Application Notes:	Approved: IHC, IHC-P (5 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.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

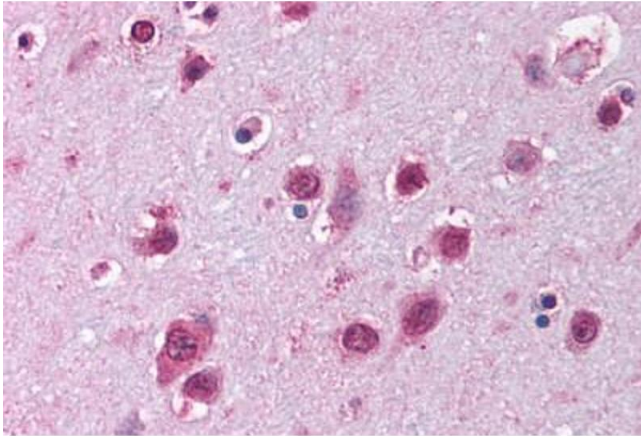
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Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C

## Handling

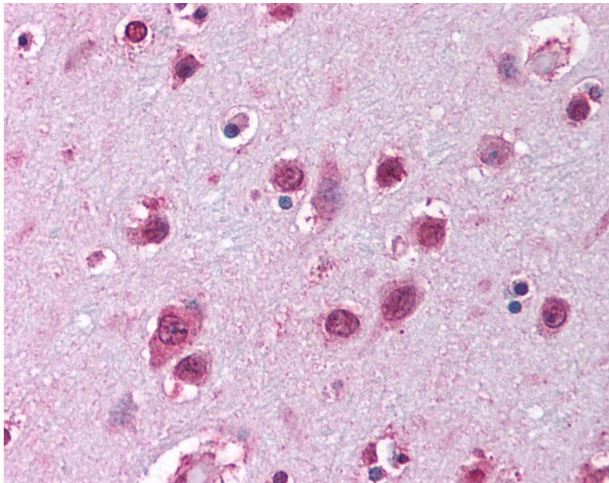
Storage Comment: Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)  
Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

## Images



### Immunohistochemistry

**Image 1.** Human Brain, Cortex (formalin-fixed, paraffin-embedded) stained with SOX12 antibody ABIN214148 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



### Immunohistochemistry

**Image 2.** Anti-SOX12 antibody IHC of human brain, cortex. 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. Ot ...