

Datasheet for ABIN6736727  
**anti-HMOX2 antibody (N-Term)**

## 3 Images

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## Overview

Quantity:	100 µL
Target:	HMOX2
Binding Specificity:	N-Term
Reactivity:	Human, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMOX2 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 N-Terminus of human HMOX2 (P30519, NP_002125). Percent identity by BLAST analysis: Human, Chimpanzee, Gibbon, Monkey (100%), Gorilla (92%).  Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human HMOX2 / Heme Oxygenase 2
Predicted Reactivity:	Percent identity by BLAST analysis: Human (100%).
Purification:	Immunoaffinity purified

## Target Details

Target:	HMOX2
Alternative Name:	HMOX2 / Heme Oxygenase 2 ( <a href="#">HMOX2 Products</a> )
Background:	Name/Gene ID: HMOX2  Synonyms: HMOX2, HO-2, Heme oxygenase (decycling) 2, Heme oxygenase 2, HO2
Gene ID:	3163
NCBI Accession:	<a href="#">NP_002125</a>
UniProt:	<a href="#">P30519</a>
Pathways:	<a href="#">Transition Metal Ion Homeostasis</a>

## Application Details

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

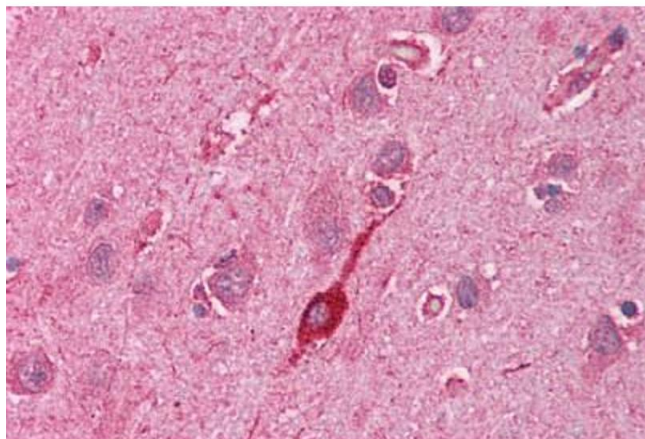
## Handling

Format:	Lyophilized
Reconstitution:	After adding water, will consist of PBS buffer with 2 % sucrose
Concentration:	Lot specific
Buffer:	Lyophilized.
Handling Advice:	Avoid repeat freeze-thaw cycles.
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)

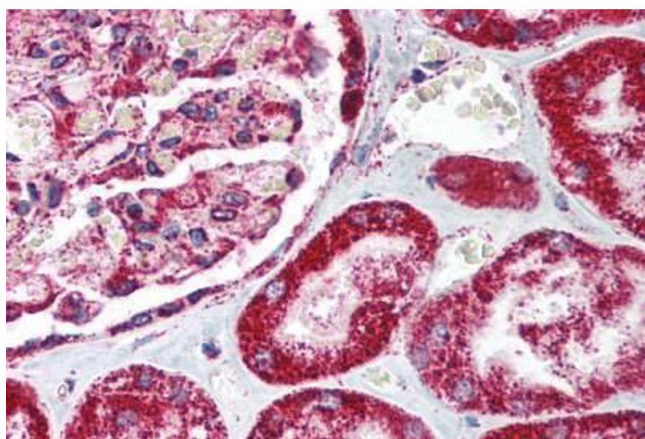
Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

## Images



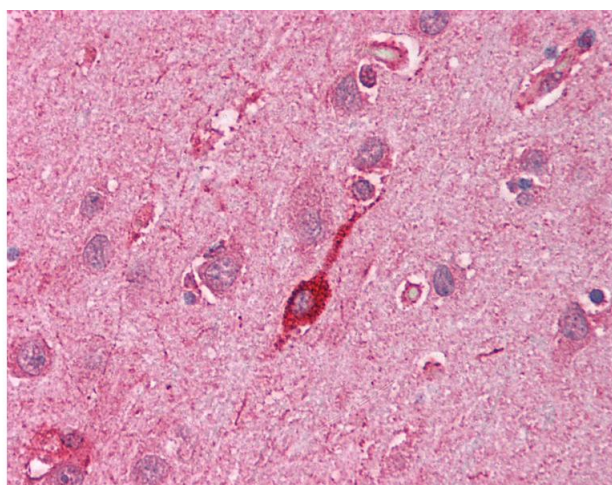
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Human Brain, Cortex (formalin-fixed, paraffin-embedded) stained with HMOX2 antibody ABIN214113 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



### Immunohistochemistry

**Image 2.** Human Kidney (formalin-fixed, paraffin-embedded) stained with HMOX2 antibody ABIN214113 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



### Immunohistochemistry

**Image 3.** Anti-HMOX2 / Heme Oxygenase 2 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 ...