

Datasheet for ABIN5696129

anti-HMOX2 antibody (Alkaline Phosphatase (AP))**3** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	HMOX2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMOX2 antibody is conjugated to Alkaline Phosphatase (AP)
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide from the full length of Human HO-2
Specificity:	Detects ~36kda.
Purification:	Protein A Purified

Target Details

Target:	HMOX2
Alternative Name:	HO-2 (HMOX2 Products)
Gene ID:	3163
NCBI Accession:	NP_001120676
UniProt:	P30519
Pathways:	Transition Metal Ion Homeostasis

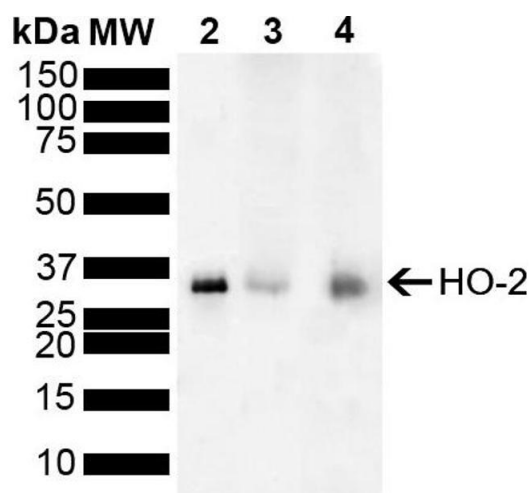
Application Details

Application Notes:	<div><ul style="list-style-type: none">• WB (1:500)• IHC (1:50)• optimal dilutions for assays should be determined by the user.</div>
Comment:	A 1:500 dilution of ABIN5696129 was sufficient for detection of HO-2 in 15 µg of mouse, rat Brain cell lysates by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.
Restrictions:	For Research Use only

Handling

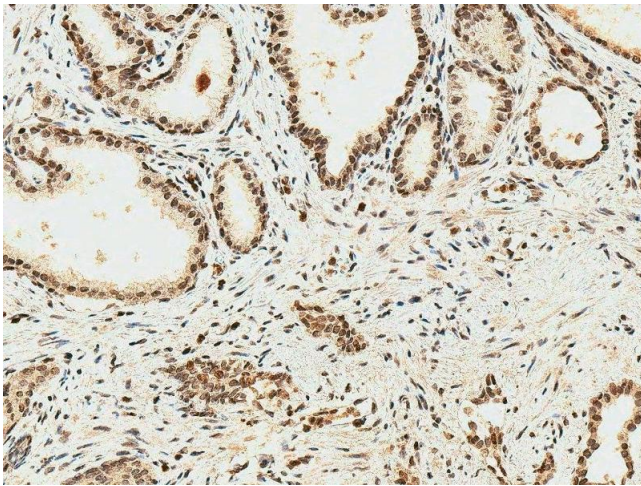
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS pH 7.4, 50 % glycerol, 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C

Images



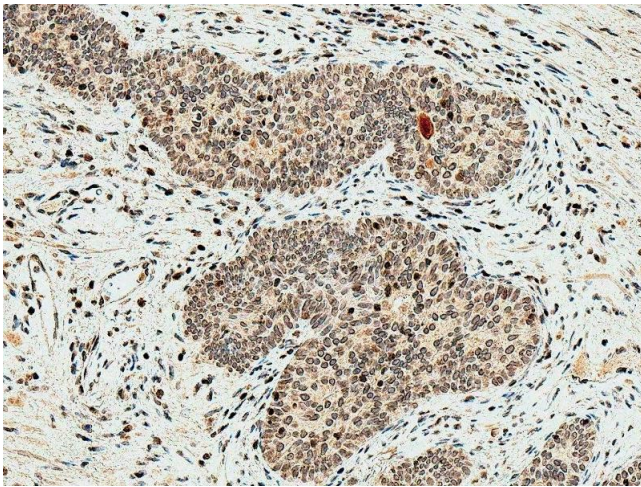
Western Blotting

Image 1. Western blot analysis of Mouse, Rat Brain showing detection of ~36 kDa HO-2 protein using Rabbit Anti-HO-2 Polyclonal Antibody (ABIN5696129). Lane 1: Molecular Weight Ladder (MW). Lane 2: ABIN5021766. Lane 3: Mouse Brain. Lane 4: Rat Brain . Load: 15 µg. Block: 5 % Skim Milk powder in TBST. Primary Antibody: Rabbit Anti-HO-2 Polyclonal Antibody (ABIN5696129) at 1:1000 for 2 hours at RT with shaking. Secondary Antibody: Goat Anti-Rabbit IgG: HRP at 1:4000 for 1 hour at RT. Color Development: ECL solution for 5 min at RT. Predicted/Observed Size: ~36 kDa.



Immunohistochemistry

Image 2. Immunohistochemistry analysis using Rabbit Anti-HO-2 Polyclonal Antibody (ABIN5696129). Tissue: Prostate. Species: Human. Fixation: Formalin Fixed Paraffin-Embedded. Primary Antibody: Rabbit Anti-HO-2 Polyclonal Antibody (ABIN5696129) at 1:50 for 30 min at RT. Counterstain: Hematoxylin. Magnification: 20X. HRP-DAB Detection.



Immunohistochemistry

Image 3. Immunohistochemistry analysis using Rabbit Anti-HO-2 Polyclonal Antibody (ABIN5696129). Tissue: Prostate. Species: Human. Fixation: Formalin Fixed Paraffin-Embedded. Primary Antibody: Rabbit Anti-HO-2 Polyclonal Antibody (ABIN5696129) at 1:50 for 30 min at RT. Counterstain: Hematoxylin. Magnification: 20X. HRP-DAB Detection.