

Datasheet for ABIN571012

## anti-HMOX2 antibody (Internal Region)



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### 1 Image

#### Overview

Quantity:	100 µg
Target:	HMOX2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This HMOX2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

#### Product Details

Purpose:	HMOX2
Immunogen:	C-DQAGSTLARETLED
Sequence:	DQAGSTLARE TLED
Isotype:	IgG
Specificity:	Reported variants represent identical protein: NP_002125.3, NP_001120676.1, NP_001120678.1, NP_001120677.1
Cross-Reactivity:	Cow, Human, Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	HMOX2
Alternative Name:	HMOX2 ( <a href="#">HMOX2 Products</a> )
Background:	HMOX2, heme oxygenase (decycling) 2, HO-2, heme oxygenase (decyclizing) 2
Gene ID:	3163, 15369
NCBI Accession:	<a href="#">NP_002125</a>
Pathways:	<a href="#">Transition Metal Ion Homeostasis</a>

## Application Details

Application Notes:	Immunohistochemistry: In paraffin embedded Human Pancreas cancer shows increased staining of invading cancer cells. Recommended concentration, 2-4 µg/mL.  Western Blot: Approx 37 kDa band observed in lysates of cell line K562 (calculated MW of 36.0 kDa according to NP_002125.3). Recommended concentration: 0.3-1 µg/mL.  Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

**Image 1.** ABIN571012 (0.3µg/ml) staining of K562 cell lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.