

# AB-NN052-2

## HO1 Antibody

Pan-specific polyclonal antibody for monitoring the expression of human HO-1



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Heme oxygenase 1
<b>Alias:</b>	Heme oxygenase 1, Hemox, HMOX1, HO1, HO 1, HSP32
<b>UniProt ID:</b>	P09601 - Human
<b>Human Predicted Mass (kDa):</b>	32.819 (288 AA; P09601-1)
<b>Observed SDS-PAGE Mass (kDa):</b>	32

### Immunogen

<b>Antibody Immunogen Source:</b>	Human heme-oxygenase (HO-1) synthetic multiple antigenic peptide
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### Production

<b>Antibody Host Species:</b>	Rabbit
<b>Antibody Type:</b>	Polyclonal
<b>Antibody Ig Isotype Clone Lot:</b>	110 Mix
<b>Antibody Purification:</b>	Affinity purified
<b>Amount:</b>	25 µg
<b>Antibody Concentration:</b>	1 mg/ml
<b>Lot Number:</b>	15DE1
<b>Storage Buffer:</b>	Phosphate buffered saline, pH 7.4, 50% glycerol, 0.09% sodium azide
<b>Storage Conditions and Stability:</b>	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

### Applications

<b>Product Use:</b>	WB   ICC/IF   IHC
<b>Antibody Dilution Recommended:</b>	WB (1:1000); optimal dilutions for assays should be determined by the user.
<b>Antibody Species Reactivity:</b>	Human   Mouse   Rat   Dog
<b>Antibody Positive Control:</b>	1 µg/ml of SPC-112 was sufficient for detection of HO-1 in 10 µg of heat shocked HeLa cell lysate by colorimetric immunoblot analysis using Goat anti-rabbit IgG:HRP as the secondary antibody.
<b>Target Detection Immunoblotting:</b>	Detects a ~32 kDa protein.
<b>Antibody Specificity:</b>	Medium

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit [www.kinexusproducts.ca](http://www.kinexusproducts.ca) or contact us at 1-888-546-3987