

AB-NN053-2

HO2 Antibody

Pan-specific polyclonal antibody for monitoring the expression of rat HO2



KINEXUS

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Target Protein

Name Long:	Heme oxygenase 2
Alias:	Heme oxygenase 2, Heme oxygenase (decyclizing) 2, Heme oxygenase (decyclizing) 2, HMOX 2, HMOX2, HMOX2_HUMAN, HO 2, HO2
UniProt ID:	P23711 - Rat
Human Predicted Mass (KDa):	36.033 (316 AA; P30519-1); 32.837 (287 AA; P30519-2)
Observed SDS-PAGE Mass (KDa):	36

Immunogen

Antibody Immunogen Source:	Rat native full-length HO-2 purified from testes
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Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Ig Isotype Clone Lot:	Mix
Antibody Purification:	Protein A purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH 7.4, 50% glycerol, 0.1% sodium azide
Storage Conditions and Stability:	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

Product Use:	WB IHC IP
Antibody Dilution Recommended:	WB (1:500), IHC (1:1000), IP (1:100); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat
Antibody Positive Control:	2 µg/ml of SPC-212 was sufficient for detection of HO-2 in 20 µg of Rat brain lysate by colorimetric immunoblot analysis using Goat anti-rabbit IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	In mouse brain lysates, this antibody strongly detects a ~36 kDa protein.
Antibody Cross Reactivities:	One very prominent 60 KDa cross-reactive protein and two other ~52 and 30 KDa cross-reactive proteins in mouse brain lysates.

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 or contact us at 1-888-546-3987