

AB-NN052-5

HO1 Antibody

Pan-specific polyclonal antibody for monitoring the expression of rat HO1



KINEXUS

Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

Email: info@kinexus.ca
Phone: 604-323-2547

Target Protein

| | |
|--------------------------------------|--------------------------------------------------|
| Name Long: | Heme oxygenase 1 |
| Alias: | Heme oxygenase 1, Hemox, HMOX1, HO1, HO 1, HSP32 |
| UniProt ID: | P06762 - Rat |
| Human Predicted Mass (KDa): | 32.819 (288 AA; P09601-1) |
| Observed SDS-PAGE Mass (KDa): | 32 |

Immunogen

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|-----------------------------------|-------------------------------------------------------------------|
| Antibody Immunogen Source: | Rat HO-1 without the transmembrane domain (cloned residues 1-262) |
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Production

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|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |
| Antibody Dilution Recommended: | WB (1:1000); optimal dilutions for assays should be determined by the user. |
| Antibody Species Reactivity: | Mouse Rat |
| Antibody Positive Control: | 1 µg/ml of SPC-207 was sufficient for detection of HO-1 in 10µg of mixed human cell line lysate by colorimetric immunoblot analysis using Goat anti-rabbit IgG:HRP as the secondary antibody. |
| Target Detection Immunoblotting: | In mouse brain lysates, this antibody detects a ~32 kDa protein. |
| Antibody Cross Reactivities: | Does not cross-react with HO-2. One strong 50 kDa cross-reactive protein 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