

Product Datasheet

HO-1/HMOX1/HSP32 Antibody NB300-550

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NB300-550**HO-1/HMOX1/HSP32 Antibody**

| Product Information | |
|------------------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | This product is unpurified. The exact concentration of antibody is not quantifiable. |
| Storage | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.05% Sodium Azide |
| Purity | Unpurified |
| Buffer | Whole antisera with PBS |
| Product Description | |
| Host | Rabbit |
| Gene ID | 3162 |
| Gene Symbol | HMOX1 |
| Species | Human, Rat, Bovine, Primate |
| Reactivity Notes | Cross-reacts with Human, Rat, Cow and Primate. Not yet tested in other species. |
| Marker | Oxidative Stress Marker |
| Specificity/Sensitivity | Detects HO1. This does not cross react with HO2. |
| Immunogen | Synthetic peptide: MERPQLDSMSQDLSEALKEATKEVHIRAEN, corresponding to amino acids 1-30 of Rat Heme Oxygenase 1. |
| Product Application Details | |
| Applications | Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin 1:100 |
| Application Notes | Optimal dilution / concentration should be determined by the end user. By Western blot, this antibody detects a single 32 kDa protein representing HO1 from HeLa cells after stress induction. Immunohistochemical staining of HO1 in Alzheimer's diseased human brain results in staining of the neurofibrillary tangles, senile plaque neurites, and neuropil threads. |



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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