Product Datasheet

INSTA-Blot Human Tissues
NBP2-30113-5Membranes

Unit Size: 5 Membranes

Store at room temperature.

Publications: 10

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-30113

Updated 6/15/2014 v.20.1
**NBP2-30113-5Membranes**

**INSTA-Blot Human Tissues**

### Product Information

<table>
<thead>
<tr>
<th><strong>Unit Size</strong></th>
<th>5 Membranes</th>
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</thead>
<tbody>
<tr>
<td><strong>Concentration</strong></td>
<td>Concentration is not relevant for this product. Please see the protocols for proper use of this product.</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td>Store at room temperature.</td>
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</table>

### Product Description

| **Description** | Please see online datasheet for lane details: [www.novusbio.com/NBP2-30113](http://www.novusbio.com/NBP2-30113) |
| **Species** | Human |
| **Species Reactivity** | Human reactivity reported in scientific literature (PMID: 24704276) |
| **Preparation Method** | INSTA-Blot®; Human Tissues NBP2-30113 contains denatured proteins from human lysates loaded at 20 ug (total protein, Bradford Assay) per lane on a 4-20% Tris-Glycine mini gel. After resolution by SDS-PAGE at 125V for 1 hour the proteins are electro-blotted for 2 hours at 25V onto a PVDF membrane. The membrane is stained with amido black for visualization of proteins, dried and packaged under anoxic conditions. The INSTA-Blot® is sold ready-to-use in your western blot protocol |

### Product Application Details

| **Applications** | Western Blot |
| **Recommended Dilutions** | Western Blot |
| **Application Notes** | Tissues are from donors with no known disease. Tissues are lysed in lysis buffer (10 mM Tris, pH 8.0, 130 mM NaCl, 1% Triton X-100, 10 mM NaF, 10 mM NaPi, 10 mM NaPPi) containing Protease Inhibitor Cocktail (PIC) and PMSF. Prior to SDS-PAGE the tissue lysate is resuspended 1:1 with 2X SDS sample buffer (120 mM Tris-HCl [pH 6.8], 20 mM EDTA, 4% SDS, 0.06% Bromophenol Blue, 20% glycerol, 0.4% B-mercaptoethanol). Use in western blot reported in scientific literature (PMID 24704276) |

### Images

## Publications

**Urban D.** Characterization of VPS16B, a Novel Protein Involved in Platelet alpha-Granule Biogenesis Thesis. 2014 (WB)

**Details:**
INSTA-Blot Multi-species Brain, Testis and Ovary used for WB analysis of VPS16B with GAPDH as a loading control. Highest VPS16B expression levels were seen in heart, skeletal muscles and brain, while small intestine, liver and testis also showed detectable levels of this protein (Figure 3.11) [Note:- This publication cites catalog# IMB-120 / NBP2-30115, however, in reality, the customer used IMB-103 / NBP2-30113].


**Details:**
Fig 3: The NBP2-30113 blot was stained with ARID3B-FL and ARID3B-Sh antibodies. Ponceau S staining was used as a loading control.


Hayashi R, Goto Y, Ikeda R et al. CDCA4 is an E2F transcription factor family-induced nuclear factor that regulates E2F-dependent transcriptional activation and cell proliferation. J Biol Chem. 2006 Nov 24 [PMID: 16984923]


# MSDS for Non Hazardous Product (NBP2-30113)

Material Safety Data Sheet for Non Hazardous Products

## Hazard Information

**Chemical Name:** Non hazardous products.  
**Chemical Formula:** N/A  
**CAS Number:** N/A  
**EEC-No:** N/A

## Hazard Identification

None

## First Aid Measures

**Eye Contact:** None  
**Skin Contact:** None  
**Inhalation:** None  
**Ingestion:** None

## Accidental Release Measures

This product either does not contain hazardous constituents or the concentration of all chemical constituents are below the regulatory threshold limits described by Occupational Safety & Health Administration Hazard Communication Standard 29 CFR 1910.1200 and the European Directive 91/155/EEC, 88/379/EEC, and 67/546/EEC.

## Handling and Storage

**Exposure Controls / Personal Protection**  
**Other Precautions:** None

## Physical and Chemical Properties

**Form:** N/A  
**Color:** N/A  
**Odor:** N/A  
**Melting Point:** N/A  
**Boiling Temperature:** N/A  
**Density:** N/A  
**Vapor Pressure:** N/A  
**Solubility in Water:** N/A  
**Flash Point:** N/A  
**Explosion limits:** N/A  
**Ignition Temperature:** N/A
Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Western Blot Membranes are guaranteed for 1 year from date of receipt.

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