

Product Datasheet

INSTA-Blot Multi-species Stomach, Small Intestine and Pancreas NBP2-30118

Unit Size: 1 Membrane

Store at room temperature.

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NBP2-30118**INSTA-Blot Multi-species Stomach, Small Intestine and Pancreas****Product Information**

Unit Size	1 Membrane
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at room temperature.

Product Description

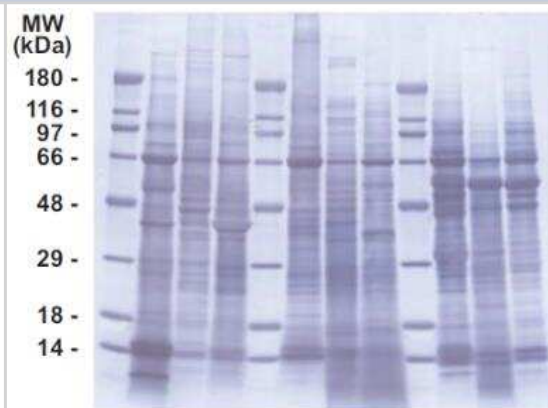
Description	Please see online datasheet for lane details: www.novusbio.com/NBP2-30118
Preparation Method	The INSTA-Blot™ Multi-species Stomach, Small Intestine, Pancreas Tissues NBP2-30118 contains denatured proteins from tissue lysates loaded at 20 ug (total protein, Bradford Assay) per lane on a 4 20% Tris-Glycine mini gel. After resolution by SDSPAGE 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 provided ready-to-use in your western blot protocol.

Product Application Details

Application Notes	Human tissues are from donors with no known disease. Mouse tissues are from Balb/c mice. Rat tissues are from Sprague Dawley rats. 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).
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Images

SDS-Page: INSTA-Blot Multi-species Stomach, Small Intestine and Pancreas [NBP2-30118] - Approximately 20 ug per lane of tissue lysates and resolved by SDS-PAGE, transferred onto PVDF membrane and stained with amido black. Lanes: 1. Molecular weight marker; 2. human stomach; 3. mouse stomach; 4. rat stomach; 5. Molecular weight marker; 6. human small intestine; 7. mouse small intestine; 8. rat small intestine; 9. Molecular weight marker; 10. human pancreas; 11. mouse pancreas; 12. rat pancreas.

**Publications**

Zhou M, Xia L, Wang J. Metformin transport by a newly cloned proton-stimulated organic cation transporter (plasma membrane monoamine transporter) expressed in human intestine. Drug Metab Dispos. 2007-10-01 [PMID: 17600084] (WB, Human)

Details:

Products cited for WB (human small intestine, Fig 6B): 1. GAPDH (IMG-5019A-1, -2) 2. INSTA-BLOT containing human small intestine tissue lysate (IMB-103, IMB-123).

Procedures

MSDS for Non Hazardous Product (NBP2-30118)

INSTA-Blot Multi-species Stomach, Small Intestine and Pancreas:

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





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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 100% guarantee, please visit www.novusbio.com/guarantee

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