


Product datasheet

Anti-HURP antibody ab70744

★★★★★ [3 Abreviews](#) [4 References](#) [2 Images](#)

Overview

Product name	Anti-HURP antibody
Description	Rabbit polyclonal to HURP
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Human Predicted to work with: Gorilla 
Immunogen	Synthetic peptide corresponding to a region between residue 800 and the C-terminus (residue 846) of Human HURP (NP_055565.2).
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The **Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab70744 in the following tested applications.

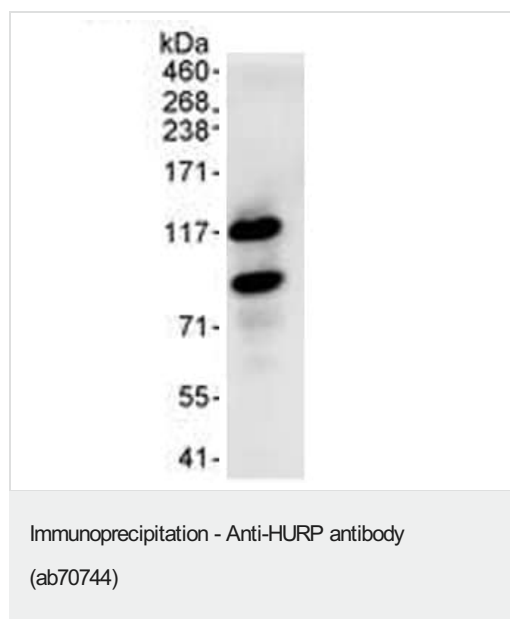
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (1)	1/2000 - 1/10000. Detects a band of approximately 120 kDa (predicted molecular weight: 94 kDa).
IP		Use at 2-5 µg/mg of lysate.

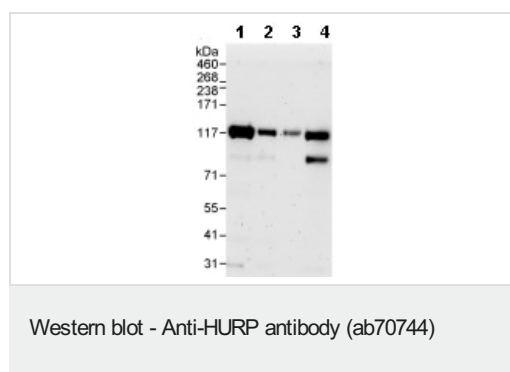
Target

Function	Potential cell cycle regulator that may play a role in carcinogenesis of cancer cells. Mitotic phosphoprotein regulated by the ubiquitin-proteasome pathway. Key regulator of adherens junction integrity and differentiation that may be involved in CDH1-mediated adhesion and signaling in epithelial cells.
Tissue specificity	Abundantly expressed in fetal liver. Expressed at lower levels in bone marrow, testis, colon, and placenta.
Sequence similarities	Belongs to the SAPAP family.
Developmental stage	Elevated levels of expression detected in the G2/M phase of synchronized cultures of HeLa cells.
Post-translational modifications	Ubiquitinated, leading to its degradation. Phosphorylated upon DNA damage, probably by ATM or ATR. Decreased phosphorylation levels are associated with the differentiation of intestinal epithelial cells.
Cellular localization	Nucleus. Cytoplasm. Cytoplasm > cytoskeleton > spindle. Localizes to the spindle in mitotic cells. Colocalizes with CDH1 at sites of cell-cell contact in intestinal epithelial cells.

Images



Detection of HURP by Western Blot of Immunoprecipitate. ab70744 at 1µg/ml staining HURP in HeLa whole cell lysate immunoprecipitated using ab70744 at 3µg/mg lysate (1 mg/IP; 20% of IP loaded/lane).
Chemiluminescence with exposure time of 10 seconds.



All lanes : Anti-HURP antibody (ab70744) at 0.04 µg/ml

Lane 1 : HeLa whole cell lysate at 50 µg

Lane 2 : HeLa whole cell lysate at 15 µg

Lane 3 : HeLa whole cell lysate at 5 µg

Lane 4 : 293T whole cell lysate at 50 µg

Predicted band size: 94 kDa

Observed band size: 120 kDa

Exposure time: 3 minutes

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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