abcam

Product datasheet

Anti-MYBBP1A antibody ab93835

2 Images

Overview

Product name	Anti-MYBBP1A antibody
Description	Rabbit polyclonal to MYBBP1A
Tested applications	**Suitable for:** WB, ICC/IF
Species reactivity	**Reacts with:** Human
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 900 - 1000 of Human MYBBP1A.Read Abcam's proprietary immunogen policy
Positive control	This antibody gave a positive signal in HeLa and HEK293 Whole Cell Lysates.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our Abpromise guarantee covers the use of **ab93835** in the following tested applications.

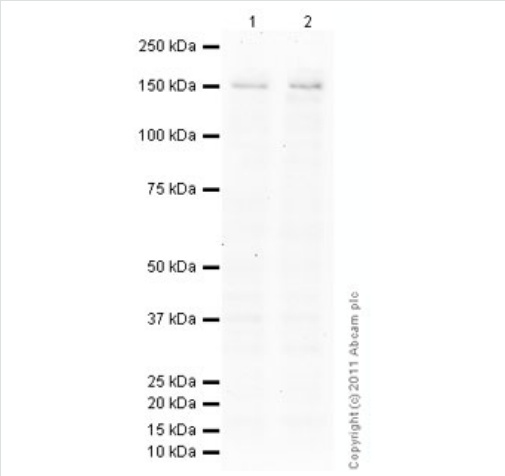
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 150 kDa (predicted molecular weight: 149 kDa).
ICC/IF		Use a concentration of 5 µg/ml.

Target

Function	May activate or repress transcription via interactions with sequence specific DNA-binding proteins. Repression may be mediated at least in part by histone deacetylase activity (HDAC activity).
Cellular localization	Cytoplasm. Nucleus. Nucleus > nucleolus. Shuttles between the nucleus and cytoplasm. Nuclear import may be mediated by KPNA2, while export appears to depend partially on XPO1/CRM1 (By similarity). Predominantly nucleolar.

Images



Western blot - MYBBP1A antibody (ab93835)

All lanes : Anti-MYBBP1A antibody (ab93835) at 1 µg/ml

Lane 1 : HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate
Lane 2 : HEK293 (Human embryonic kidney cell line) Whole Cell Lysate

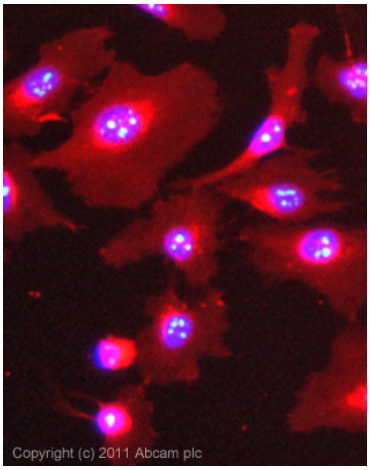
Lysates/proteins at 10 µg per lane.

Secondary
Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (ab97080) at 1/5000 dilution
Developed using the ECL technique

Performed under reducing conditions.

Predicted band size : 149 kDa
Observed band size : 150 kDa

Exposure time : 2 minutes



Immunocytochemistry/ Immunofluorescence - MYBBP1A antibody (ab93835)

ICC/IF image of ab93835 stained HeLa cells. The cells were 100% methanol fixed (5 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab93835, 5µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM. This antibody also gave a positive result in 100% methanol fixed (5 min) Hek293, HepG2 and MCF7 cells at 5µg/ml.

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