


## Product datasheet

# Anti-HSBP1 antibody ab83247

1 Image

### Overview

<b>Product name</b>	Anti-HSBP1 antibody
<b>Description</b>	Rabbit polyclonal to HSBP1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> ELISA, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Dog, Pig, Zebrafish 
<b>Immunogen</b>	Synthetic peptide corresponding to a region within the N terminal amino acids 1-50 (AETDPKTVQD LTSVVQTLQ QMQDKFQTMS DQIIGRIDDM SSRIDDLEKN) of Human HSBP1 (NP_001528) <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	Fetal brain lysate.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab83247** in the following tested applications.

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

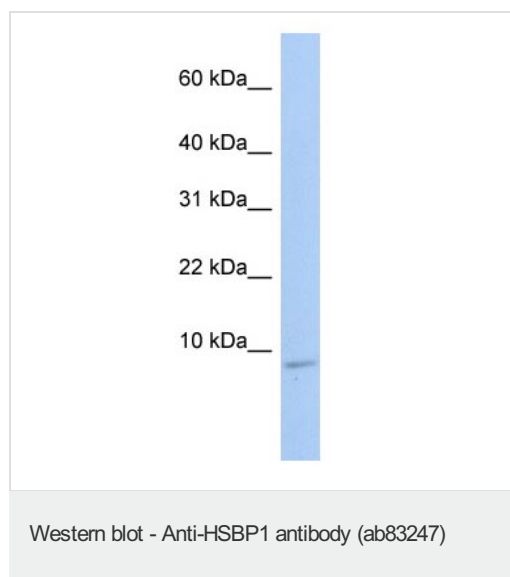
Application	Abreviews	Notes
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Application	Abreviews	Notes
ELISA		Use at an assay dependent concentration. ELISA titre using peptide based assay 1/312500.
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 8 kDa (predicted molecular weight: 8 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

## Target

<b>Function</b>	Negative regulator of the heat shock response. Negatively affects HSF1 DNA-binding activity. May have a role in the suppression of the activation of the stress response during the aging process.
<b>Sequence similarities</b>	Belongs to the HSBP1 family.
<b>Cellular localization</b>	Nucleus.

## Images



Anti-HSBP1 antibody (ab83247) at 1 µg/ml (in 5% skim milk / PBS buffer) + fetal brain lysate at 10 µg

### Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

**Predicted band size:** 8 kDa

**Observed band size:** 8 kDa

Gel concentration 10-20%

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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