

Product datasheet

Anti-HSBP1 antibody ab83247

1 Image

Overview

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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: 2% Sucrose, PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	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.

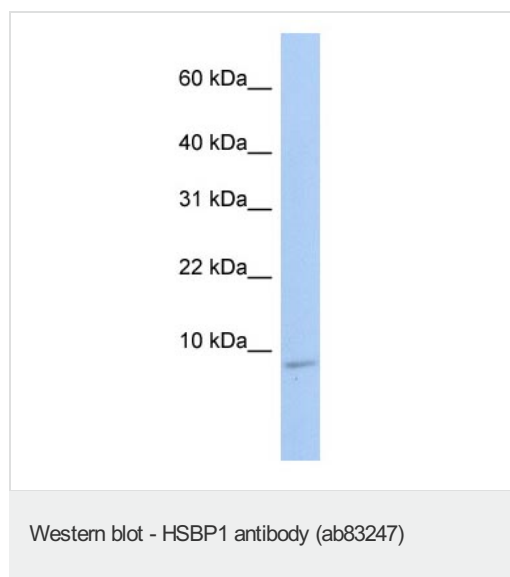
Application	Abreviews	Notes
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Application	Abreviews	Notes
ELISA		Use at an assay dependent concentration. ELISA titre using peptide based assay 1/312500.
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 8 kDa (predicted molecular weight: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

Target

Function	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.
Sequence similarities	Belongs to the HSBP1 family.
Cellular localization	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%

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