

Product datasheet

Anti-Cytochrome P450 3A5 antibody ab22692

1 References

Overview

Product name	Anti-Cytochrome P450 3A5 antibody
Description	Rabbit polyclonal to Cytochrome P450 3A5
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Does not react with: Rat
Immunogen	Synthetic hexapeptide including the C-terminal of human Cytochrome P450 3A5, conjugated to keyhole limpet haemocyanin using a maleimido linkage.
Positive control	Human liver microsomal preparations.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: Whole serum
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab22692** 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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WB

Application notes WB: 1/2000. Predicted molecular weight: 57 kDa.

Note: dilute ab22692 to working concentration with 50mM Tris-HCl buffer (pH 7.6) containing 1.5% sodium chloride and 1% normal goat serum (if a goat anti-rabbit IgG linker antibody is to be used).

Not tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Function	Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver microsomes, this enzyme is involved in an NADPH-dependent electron transport pathway. It oxidizes a variety of structurally unrelated compounds, including steroids, fatty acids, and xenobiotics.
Sequence similarities	Belongs to the cytochrome P450 family.
Cellular localization	Endoplasmic reticulum membrane. Microsome membrane.

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