


Product datasheet

Anti-YY1 antibody ab49145

1 Image

Overview

<b>Product name</b>	Anti-YY1 antibody
<b>Description</b>	Rabbit polyclonal to YY1
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Cow, Dog 
<b>Immunogen</b>	A synthetic peptide corresponding to an internal region of Human YY1
<b>Positive control</b>	<div style="border: 1px solid #ccc; padding: 5px; display: inline-block;"> <a href="#">Purchase matching WB positive control: Recombinant Human YY1 protein &gt;</a> </div> Fetal thymus 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: None 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 **ab49145** in the following tested applications.

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

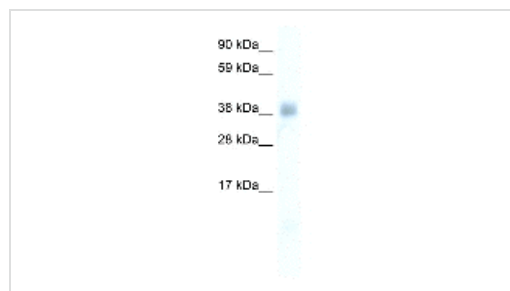
Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 45 kDa (predicted molecular weight: 45 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

Application	Abreviews	Notes
ELISA		Use at an assay dependent concentration. ELISA titre using peptide based assay: 1:312500.

## Target

<b>Function</b>	Multifunctional transcription factor that exhibits positive and negative control on a large number of cellular and viral genes by binding to sites overlapping the transcription start site. May play an important role in development and differentiation. The function of YY1 as an activator or a repressor is specified by the presence of other proteins. For example it acts as a repressor in absence of adenovirus E1A protein but as an activator in its presence.
<b>Sequence similarities</b>	Belongs to the YY transcription factor family. Contains 4 C2H2-type zinc fingers.
<b>Cellular localization</b>	Nucleus matrix. Associated with the nuclear matrix.

## Images



Western blot - YY1 antibody (ab49145)

Anti-YY1 antibody (ab49145) at 1 µg/ml +  
Fetal thymus lysate at 10 µg

### Secondary

HRP conjugated anti-Rabbit IgG at 1/50000  
dilution

**Predicted band size** : 45 kDa

**Observed band size** : 45 kDa

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

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