


Product datasheet

Anti-YY1 antibody ab49145

1 Image

Overview

Product name	Anti-YY1 antibody
Description	Rabbit polyclonal to YY1
Host species	Rabbit
Tested applications	Suitable for: WB, ELISA
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Cow, Dog 
Immunogen	A synthetic peptide corresponding to an internal region of Human YY1
Positive control	<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> Purchase matching WB positive control: Recombinant Human YY1 protein > </div> Fetal thymus 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 **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.

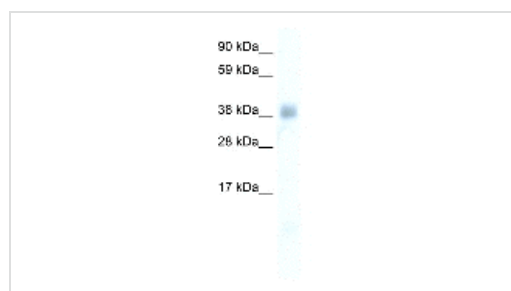
Target

Function 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.

Sequence similarities Belongs to the YY transcription factor family.
Contains 4 C2H2-type zinc fingers.

Cellular localization 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

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