


Product datasheet

Anti-Nab2 antibody ab229783

2 Images

Overview

<b>Product name</b>	Anti-Nab2 antibody
<b>Description</b>	Rabbit polyclonal to Nab2
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Cow, Rhesus monkey 
<b>Immunogen</b>	Recombinant fragment within Human Nab2 (internal sequence). The exact sequence is proprietary. Database link: <a href="#">Q15742</a>
<b>Positive control</b>	WB: Jurkat whole cell lysate. IP: Jurkat whole cell extract.

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab229783** in the following tested applications.

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

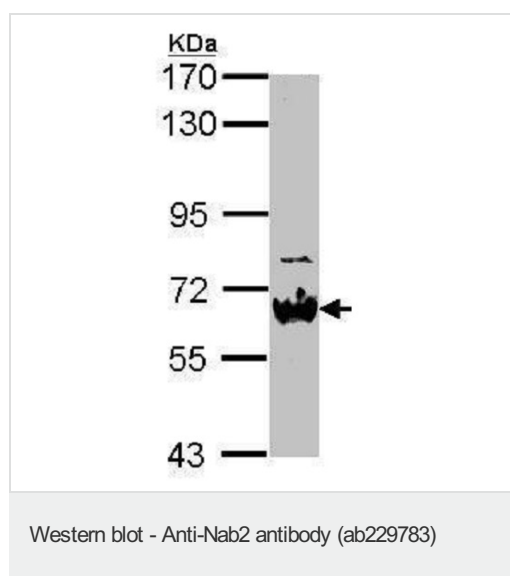
Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 57 kDa.

Application	Abreviews	Notes
IP		Use at an assay dependent dilution.

## Target

<b>Function</b>	Acts as a transcriptional repressor for zinc finger transcription factors EGR1 and EGR2. Isoform 2 lacks repression ability.
<b>Tissue specificity</b>	Widely expressed at low levels. Highly expressed in melanoma cell lines.
<b>Sequence similarities</b>	Belongs to the NAB family.
<b>Domain</b>	The NAB conserved domain 1 (NCD1) interacts with EGR1 inhibitory domain and mediates multimerization. The NAB conserved domain 2 (NCD2) is necessary for transcriptional repression.
<b>Cellular localization</b>	Nucleus. Isoform 2 is not localized to the nucleus.

## Images

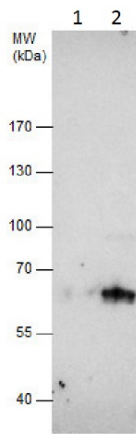


Anti-Nab2 antibody (ab229783) at 1/500 dilution + Jurkat (human T cell leukemia cell line from peripheral blood) whole cell lysate at 30  $\mu$ g

Developed using the ECL technique.

**Predicted band size:** 57 kDa

7.5% SDS-PAGE



Immunoprecipitation - Anti-Nab2 antibody  
(ab229783)

Nab2 was immunoprecipitated from Jurkat (human T cell leukemia cell line from peripheral blood) whole cell extract with 5 µg ab229783. Western blot was performed from the immunoprecipitate using ab229783.

**Lane 1:** Control IgG IP in Jurkat whole cell extract.

**Lane 2:** ab229783 IP in Jurkat whole cell extract.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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