

## Product datasheet

# Anti-AFF2 antibody ab85450

1 Image

### Overview

<b>Product name</b>	Anti-AFF2 antibody
<b>Description</b>	Rabbit polyclonal to AFF2
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Dog, Chimpanzee
<b>Immunogen</b>	Synthetic peptide corresponding to a region within the internal amino acids 1224-1273 (AMGNCNNGPV TIPQRIHHMA ASHVNITSNV LRGYEHWDMA DKLTRENKEF) of Human AFF2 (NP_002016). <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	Human fetal lung lysate.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated 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 **ab85450** in the following tested applications.

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

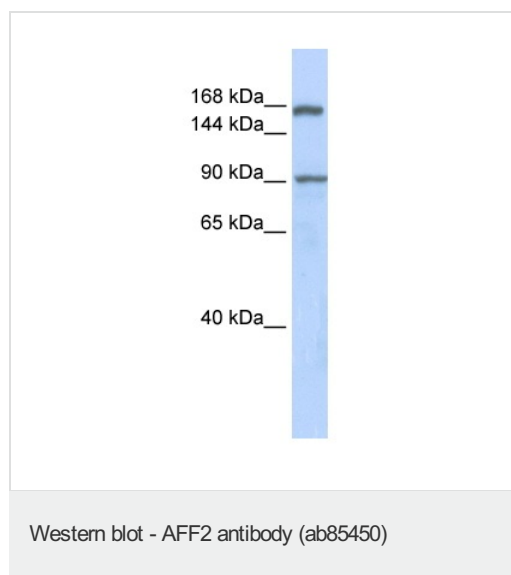
Application	Abreviews	Notes
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Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 160 kDa (predicted molecular weight: 145 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

## Target

<b>Function</b>	RNA-binding protein. Might be involved in alternative splicing regulation through an interaction with G-quartet RNA structure.
<b>Tissue specificity</b>	Brain (most abundant in hippocampus and amygdala), placenta and lung.
<b>Involvement in disease</b>	Mental retardation, X-linked, associated with fragile site FRAXE
<b>Sequence similarities</b>	Belongs to the AF4 family.
<b>Cellular localization</b>	Nucleus speckle. When splicing is inhibited, accumulates in enlarged speckles.

## Images



Anti-AFF2 antibody (ab85450) at 1 µg/ml (in 5% skim milk / PBS buffer) + human fetal lung lysate at 10 µg

### Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

**Predicted band size:** 145 kDa

**Observed band size:** ~160 kDa

**Additional bands at:** ~90 kDa. We are unsure as to the identity of these extra bands.

P6%-18% gel

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

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