Product datasheet

Anti-DR6 antibody ab8417

Overview

Product name: Anti-DR6 antibody
Description: Rabbit polyclonal to DR6
Host species: Rabbit
Tested applications: Suitable for: WB
Species reactivity: Reacts with: Human
Immunogen: Synthetic peptide: QPEQKASNLGTYRHC, corresponding to amino acids 42-56 of Human DR6. (Peptide available as ab8450.)
Positive control: HeLa and K562 whole cell lysates.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at +4°C.
Storage buffer: Preservative: 0.02% Sodium azide
Purity: DEAE-Chromatography
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab8417 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
</table>
**Function**
May activate NF-kappa-B and promote apoptosis. May activate JNK and be involved in T-cell differentiation. Required for both normal cell body death and axonal pruning. Trophic-factor deprivation triggers the cleavage of surface APP by beta-secretase to release sAPP-beta which is further cleaved to release an N-terminal fragment of APP (N-APP). N-APP binds TNFRSF21 triggering caspase activation and degeneration of both neuronal cell bodies (via caspase-3) and axons (via caspase-6).

**Tissue specificity**
Highly expressed in heart, brain, placenta, pancreas, lymph node, thymus and prostate. Detected at lower levels in lung, skeletal muscle, kidney, testis, uterus, small intestine, colon, spleen, bone marrow and fetal liver. Very low levels were found in adult liver and peripheral blood leukocytes.

**Sequence similarities**
Contains 1 death domain.
Contains 4 TNFR-Cys repeats.

**Cellular localization**
Membrane.

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**Images**

![Western blot](https://www.abcam.com/abpromise)

**All lanes**: Anti-DR6 antibody (ab8417) at 1/500 dilution

**Lane 1**: K562 whole cell lysate with absence of blocking peptide

**Lane 2**: Raji whole cell lysate with absence of blocking peptide

**Lane 3**: K562 whole cell lysate with Human DR6 peptide (ab8450)

**Lane 4**: Raji whole cell lysate with Human DR6 peptide (ab8450)

**Observed band size**: 68 kDa

**why is the actual band size different from the predicted?**

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