

Product datasheet

Anti-DR6 antibody ab8417

1 References 1 Image

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: QPEQKASNLIGTYRHC , corresponding to amino acids 42-56 of Human DR6. (Peptide available as ab8450 .) Run BLAST with Run BLAST with
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.

Application	Abreviews	Notes
WB		1/500 - 1/2000. Detects a band of approximately 68 kDa. Can be blocked with Human DR6 peptide (ab8450) .

Target

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.

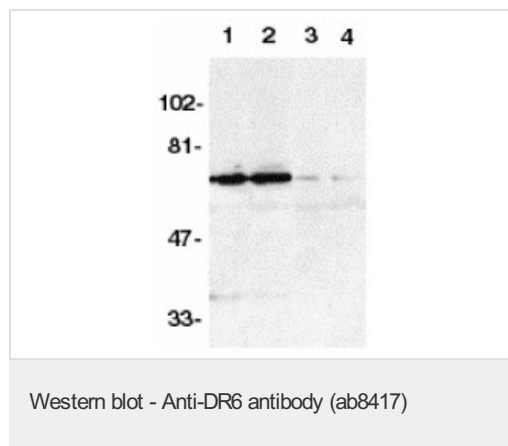
Sequence similarities

Contains 1 death domain.
Contains 4 TNFR-Cys repeats.

Cellular localization

Membrane.

Images



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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