**Product datasheet**

**Anti-TNF Receptor I antibody ab90463**

1 Abreviews 2 References 1 Image

**Overview**

**Product name**  Anti-TNF Receptor I antibody

**Description**  Rabbit polyclonal to TNF Receptor I

**Host species**  Rabbit

**Tested applications**  Suitable for: WB, IP

**Species reactivity**  Reacts with: Mouse, Rat, Sheep, Rabbit, Hamster, Cow, Dog, Human, Pig, Saccharomyces cerevisiae, Xenopus laevis, Drosophila melanogaster, Monkey

**Immunogen**  Synthetic peptide derived from the sequence of mouse TNF Receptor 1

**Positive control**  Mouse brain, Rat brain, HeLa (heat shocked) or Jurkat membrane 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: 0.09% Sodium azide  Constituents: PBS, 50% Glycerol

**Purity**  Immunogen affinity purified

**Clonality**  Polyclonal

**Isotype**  IgG

**Applications**

Our Abpromise guarantee covers the use of ab90463 in the following tested applications.

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

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Not yet tested in other applications. Optimal dilutions/concentrations should be determined by the end user.

**Target**

**Function**
Receptor for TNFSF2/TNF-alpha and homotrimeric TNFSF1/lymphotoxin-alpha. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. Contributes to the induction of non-cytocidal TNF effects including anti-viral state and activation of the acid sphingomyelinase.

**Involvement in disease**
Familial hibernian fever
Multiple sclerosis 5

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

**Domain**
The domain that induces A-SMASE is probably identical to the death domain. The N-SMASE activation domain (NSD) is both necessary and sufficient for activation of N-SMASE. Both the cytoplasmic membrane-proximal region and the C-terminal region containing the death domain are involved in the interaction with TRPC4AP.

**Post-translational modifications**
The soluble form is produced from the membrane form by proteolytic processing.

**Cellular localization**
Cell membrane. Golgi apparatus membrane. Secreted. A secreted form is produced through proteolytic processing and Secreted. Lacks a Golgi-retention motif, is not membrane bound and therefore is secreted.

**Images**

All lanes: Anti-TNF Receptor I antibody (ab90463) at 1/1000 dilution

Lane 1: HeLa (heat shocked) cell extract
Lane 2: Jurkat cell extract

Predicted band size: 51 kDa

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

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