

**EDA2R Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18402b****Specification**

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**EDA2R Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q9HAV5](#)**EDA2R Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 60401**Other Names**

Tumor necrosis factor receptor superfamily member 27, X-linked ectodysplasin-A2 receptor, EDA-A2 receptor, EDA2R, TNFRSF27, XEDAR

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**EDA2R Antibody (C-term) Blocking Peptide - Protein Information****Name** EDA2R**Synonyms** TNFRSF27, XEDAR**Function**

Receptor for EDA isoform A2, but not for EDA isoform A1. Mediates the activation of the NF-kappa-B and JNK pathways. Activation seems to be mediated by binding to TRAF3 and TRAF6.

**Cellular Location**

Membrane; Single-pass type III membrane protein.

**EDA2R Antibody (C-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**EDA2R Antibody (C-term) Blocking Peptide - Images**

**EDA2R Antibody (C-term) Blocking Peptide - Background**

EDA-A1 and EDA-A2 are two isoforms of ectodysplasin that are encoded by the anhidrotic ectodermal dysplasia (EDA) gene. Mutations in EDA give rise to a clinical syndrome characterized by loss of hair, sweat glands, and teeth. The protein encoded by this gene specifically binds to EDA-A2 isoform. This protein is a type III transmembrane protein of the TNFR (tumor necrosis factor receptor) superfamily, and contains 3 cysteine-rich repeats and a single transmembrane domain but lacks an N-terminal signal peptide. Multiple alternatively spliced transcript variants have been found for this gene, but some variants lack sufficient support. [provided by RefSeq].

**EDA2R Antibody (C-term) Blocking Peptide - References**

Brockschmidt, F.F., et al. Br. J. Dermatol. 162(4):899-903(2010) Tanikawa, C., et al. Oncogene 28(34):3081-3092(2009) Fujimoto, A., et al. J. Hum. Genet. 54(8):461-465(2009) Hillmer, A.M., et al. Hum. Genet. 126(2):255-264(2009) Richards, J.B., et al. Nat. Genet. 40(11):1282-1284(2008)