

Datasheet: AHP1182

Description:	RABBIT ANTI HUMAN XEDAR
Specificity:	XEDAR
Other names:	EDA2R, TNFRSF27
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			0.5 - 2.0ug/ml

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Antiserum Preparation	Antisera to XEDAR were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.02% Sodium Azide
Approx. Protein Concentrations	IgG concentration 1.0mg/ml
Immunogen	Recombinant human XEDAR.
External Database Links	UniProt: Q9HAV5 Related reagents

Entrez Gene:[60401](#) EDA2R [Related reagents](#)

Synonyms	TNFRSF27, XEDAR
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Specificity	<p>Rabbit anti Human XEDAR antibody detects human X-linked ectodermal dysplasia receptor (XEDAR), a ~33 kDa type III transmembrane protein of the TNFR (tumor necrosis factor receptor) superfamily. XEDAR is a homologue of the ectodermal dysplasia receptor (EDAR), and binds to an isoform of ectodysplasin termed EDA-A2. Binding of ectodysplasin to XEDAR results in the induction of apoptosis, and is thought to be involved ectodermal organ development. XEDAR may also be involved in skeletal muscle development.</p> <p>Two predominant isoforms of XEDAR exist; XEDAR-s and XEDAR-L, produced by alternative splicing.</p>
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Western Blotting	AHP1182 detects a band of approximately 33kDa in 293 cell lysates.
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Further Reading	<ol style="list-style-type: none">1. Sinha, S.K. <i>et al.</i> (2002) Role of TRAF3 and -6 in the activation of the NF-kappa B and JNK pathways by X-linked ectodermal dysplasia receptor. J Biol Chem. 277 (47): 44953-61.2. Sinha, S.K. & Chaudhary, P.M. (2004) Induction of apoptosis by X-linked ectodermal dysplasia receptor via a caspase 8-dependent mechanism. J Biol Chem. 279 (40): 41873-81.3. Newton, K. <i>et al.</i> (2004) Myodegeneration in EDA-A2 transgenic mice is prevented by XEDAR deficiency. Mol Cell Biol. 24 (4): 1608-13.
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Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
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Shelf Life	18 months from date of despatch.
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Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
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Regulatory	For research purposes only
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Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
- Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
- Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)
- Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@549](#), [DyLight@649](#),
[DyLight@680](#), [DyLight@800](#)

Recommended Useful Reagents

[TidyBlot™ WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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