

## Datasheet: AHP1182

<b>Description:</b>	RABBIT ANTI HUMAN XEDAR
<b>Specificity:</b>	XEDAR
<b>Other names:</b>	EDA2R, TNFRSF27
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	Antisera to XEDAR were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.02% Sodium Azide
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0mg/ml

<b>Immunogen</b>	Recombinant human XEDAR.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">Q9HAV5</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">60401</a>    EDA2R    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	TNFRSF27, XEDAR
<b>RRID</b>	AB_844693
<b>Specificity</b>	<p><b>Rabbit anti Human XEDAR antibody</b> 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>
<b>Western Blotting</b>	AHP1182 detects a band of approximately 33kDa in 293 cell lysates.
<b>Further Reading</b>	<ol style="list-style-type: none"> <li>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. <a href="#">J Biol Chem. 277 (47): 44953-61.</a></li> <li>2. Sinha, S.K. &amp; Chaudhary, P.M. (2004) Induction of apoptosis by X-linked ectodermal dysplasia receptor via a caspase 8-dependent mechanism. <a href="#">J Biol Chem. 279 (40): 41873-81.</a></li> <li>3. Newton, K. <i>et al.</i> (2004) Myodegeneration in EDA-A2 transgenic mice is prevented by XEDAR deficiency. <a href="#">Mol Cell Biol. 24 (4): 1608-13.</a></li> </ol>
<b>Storage</b>	<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>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: 10040: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@680](#), [DyLight@800](#)

### Recommended Useful Reagents

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

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

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