

## Product datasheet

# Anti-AKR1CL2 antibody ab123026

1 Image

### Overview

<b>Product name</b>	Anti-AKR1CL2 antibody
<b>Description</b>	Rabbit polyclonal to AKR1CL2
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Rat, Guinea pig
<b>Immunogen</b>	Synthetic peptide corresponding to a region within C terminal amino acids 271-320 (PSHIKENIQV FDFELTQHDMDNILSLNRNLRLAMFPITKNHKDYPFHIEY) of Human AKR1E2 (NP_001035267). <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	Human fetal lung tissue.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Constituents: 97% PBS, 2% Sucrose
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab123026** 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		Use a concentration of 1 µg/ml. Predicted molecular weight: 37 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

## Target

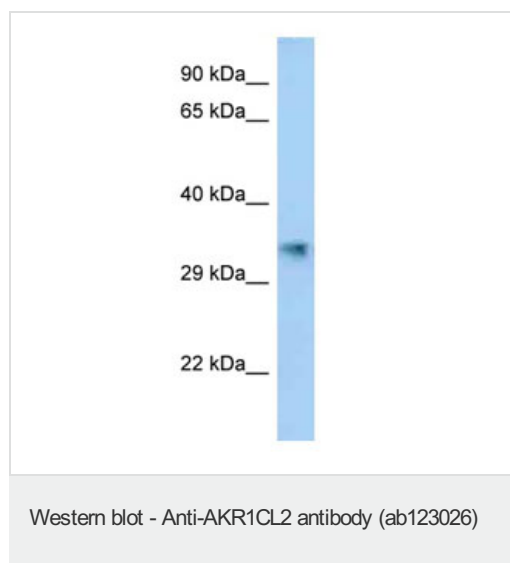
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<b>Function</b>	Catalyzes the NADPH-dependent reduction of 1,5-anhydro-D-fructose (AF) to 1,5-anhydro-D-glucitol. Can also catalyze the reduction of various aldehydes and quinones (By similarity). Has low NADPH-dependent reductase activity towards 9,10-phenanthrenequinone (in vitro).
<b>Tissue specificity</b>	Testis-specific.
<b>Sequence similarities</b>	Belongs to the aldo/keto reductase family.
<b>Cellular localization</b>	Cytoplasm.

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## Images

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Anti-AKR1CL2 antibody (ab123026) at 1  $\mu$ g/ml + Human fetal lung lysate at 10  $\mu$ g

### Secondary

Goat anti-Rabbit IgG-HRP

Developed using the ECL technique.

**Predicted band size:** 37 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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