

Product datasheet

Anti-AKR1CL2 antibody ab123026

1 Image

Overview

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

Properties

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

Applications

Our [Abpromise guarantee](#) covers the use of **ab123026** in the following tested applications.

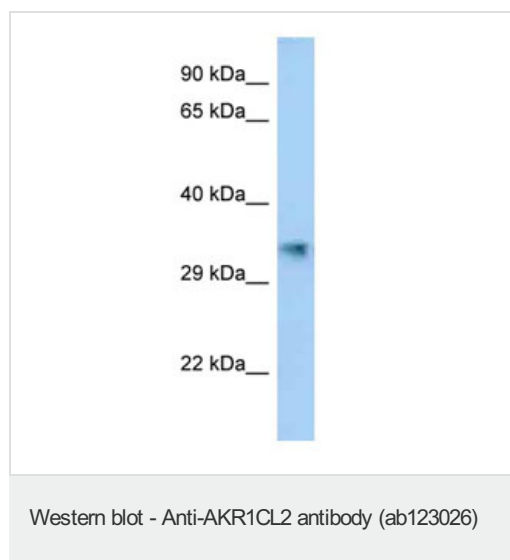
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

Function	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).
Tissue specificity	Testis-specific.
Sequence similarities	Belongs to the aldo/keto reductase family.
Cellular localization	Cytoplasm.

Images



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

Secondary

Goat anti-Rabbit IgG-HRP

Developed using the ECL technique.

Predicted band size: 37 kDa

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