

Product datasheet

Anti-Aldolase B antibody ab83403

1 Image

Overview

Product name	Anti-Aldolase B antibody
Description	Rabbit polyclonal to Aldolase B
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Sheep, Rabbit, Horse, Guinea pig, Cow, Cat, Dog
Immunogen	Synthetic peptide corresponding to Human Aldolase B aa 108-157 (internal sequence). Sequence: KLDQGGAPLAGTNKETTIQGLDGLSERCAQYKKDGVDFGKWRVAVLRIADQ Run BLAST with Run BLAST with
Positive control	Human fetal liver lysate.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab83403** in the following tested applications.

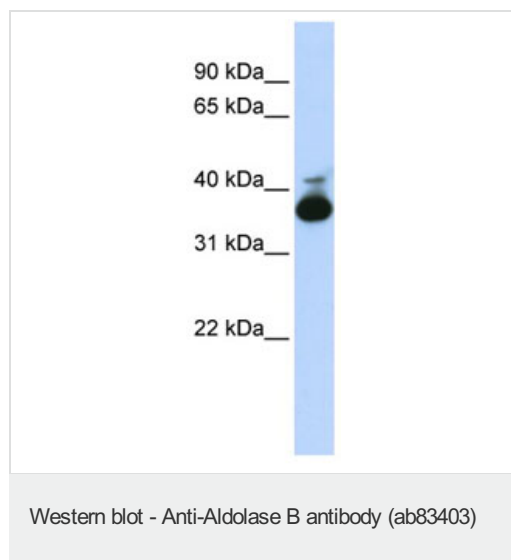
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 39 kDa (predicted molecular weight: 39 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

Target

Pathway	Carbohydrate degradation; glycolysis; D-glyceraldehyde 3-phosphate and glycerone phosphate from D-glucose: step 4/4.
Involvement in disease	Defects in ALDOB are the cause of hereditary fructose intolerance (HFI) [MIM:229600]. HFI is an autosomal recessive disease that results in an inability to metabolize fructose and related sugars. Complete exclusion of fructose results in dramatic recovery; however, if not treated properly, HFI subjects suffer episodes of hypoglycemia, general ill condition, and risk of death the remainder of life.
Sequence similarities	Belongs to the class I fructose-bisphosphate aldolase family.

Images



Anti-Aldolase B antibody (ab83403) at 1 µg/ml (in 5% skim milk / PBS buffer) + Human fetal liver lysate at 10 µg

Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

Predicted band size: 39 kDa

Observed band size: 39 kDa

Additional bands at: 42 kDa. We are unsure as to the identity of these extra bands.

Gel concentration: 12%

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