

Anti-AKR7A3 Antibody

Catalog Number: A10277

About AKR7A3

Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors.

Chao D.M., Nature 380:82-85(1996).

Maldonado E., Nature 381:86-89(1996).

Oelgeschlaeger T., Mol. Cell 1:925-931(1998).

Overview

Product Name	Anti-AKR7A3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-AKR7A3 Antibody catalog # A10277. Tested in WB applications. This antibody reacts with Human,Mouse,Rat.
Application	WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O95154

Technical Details

Immunogen	Synthesized peptide derived from internal of human MED21.
Predicted Reactive Species	Chimpanzee, Drosophila, Macaque
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-

specific immunogen and the purity is > 95% (by SDS-PAGE).

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB: 1:500-1:2000

Anti-AKR7A3 Antibody (A10277) Images

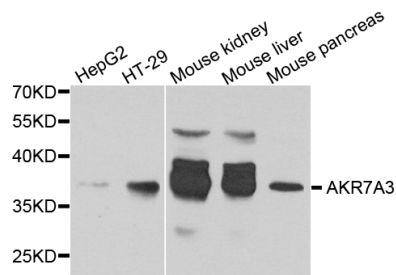


Figure 1. Western blotting validation for Anti-AKR7A3 Antibody A10277

Western blot analysis of extract of various cells

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