

Product Information

Anti-AKR7A2
antibody produced in chicken,
affinity isolated antibody

Catalog Number **GW22294**
Formerly listed as GenWay Catalog Number 15-288-22294,
Aflatoxin B1 aldehyde reductase member 2 Antibody.

Storage Temperature Store at -20 °C

Synonyms: Aldo-keto reductase family 7, member A2
(aflatoxin aldehyde reductase); aflatoxin beta1 aldehyde
reductase, EC 1.-.-.; AFB1-AR 1; Aldoketoreductase 7

Product Description

Can reduce the dialdehyde protein-binding form of
aflatoxin B1 (AFB1) to the nonbinding AFB1 dialcohol. May
be involved in protection of liver against the toxic and
carcinogenic effects of AFB1. a potent hepatocarcinogen.

NCBI Accession number: NP_003680.1
Swiss Prot Accession number: O43488

Gene Information: Human .. AKR7A2 (8574)

Immunogen: Recombinant protein Aldo-keto reductase
family 7, member A2 (aflatoxin aldehyde reductase);
aflatoxin beta1 aldehyde reductase

Immunogen Sequence: GI # 4502021, sequence 75 - 330

The product is a clear, colorless solution in phosphate
buffered saline, pH 7.2, containing 0.02% sodium azide.

Species Reactivity: Human

Tested Applications: WB

Recommended Dilutions: Recommended starting dilution
for Western blot analysis is 1:500, for tissue or cell staining
1:200.

Note: Optimal concentrations and conditions for each
application should be determined by the user.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or
other uses. Due to the sodium azide content a material
safety data sheet (MSDS) for this product has been sent to
the attention of the safety officer of your institution. Please
consult the Material Safety Data Sheet for information
regarding hazards and safe handling practices.

Storage/Stability

For continuous use, store at 2-8 °C for up to one week. For
extended storage, store in -20 °C freezer in working
aliquots. Repeated freezing and thawing, or storage in
"frostfree" freezers, is not recommended. If slight turbidity
occurs upon prolonged storage, clarify the solution by
centrifugation before use. Working dilution samples should
be discarded if not used within 12 hours.

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