

AKR7A3 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI13690**Specification**

AKR7A3 antibody - middle region - Product Information

Application	WB
Primary Accession	O95154
Other Accession	NM_012067 , NP_036199
Reactivity	Human, Mouse, Rat, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Horse, Bovine, Guinea Pig
Clonality	Rabbit
Calculated MW	Polyclonal 37kDa KDa

AKR7A3 antibody - middle region - Additional Information**Gene ID** 22977

Alias Symbol	AFAR2
--------------	--------------

Other Names
Aflatoxin B1 aldehyde reductase member 3, 1.-.-., AFB1 aldehyde reductase 2, AFB1-AR 2, AKR7A3, AFAR2

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-AKR7A3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

AKR7A3 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

AKR7A3 antibody - middle region - Protein Information**Name** AKR7A3**Synonyms** AFAR2**Function**

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

Cellular Location

Cytoplasm.

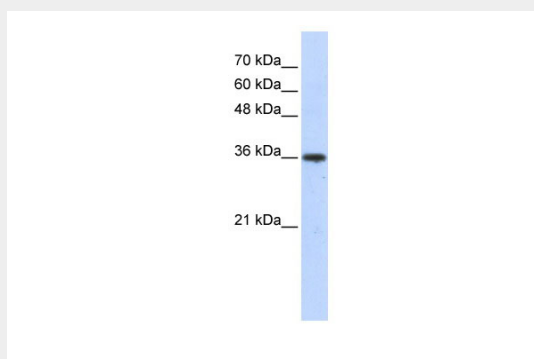
Tissue Location

Expressed in colon, kidney, liver, pancreas, adenocarcinoma and endometrium.

AKR7A3 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

AKR7A3 antibody - middle region - Images

WB Suggested Anti-AKR7A3 Antibody Titration: 0.2-1 $\mu\text{g/ml}$

ELISA Titer: 1:12500

Positive Control: Transfected 293T

AKR7A3 antibody - middle region - References

- Knight L.P., et al. *Carcinogenesis* 20:1215-1223(1999).
Praml C., et al. *Oncogene* 22:4765-4773(2003).
Gregory S.G., et al. *Nature* 441:315-321(2006).
Bodreddigari S., et al. *Chem. Res. Toxicol.* 21:1134-1142(2008).