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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	**Horse, Bovine, Guinea Pig**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**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.

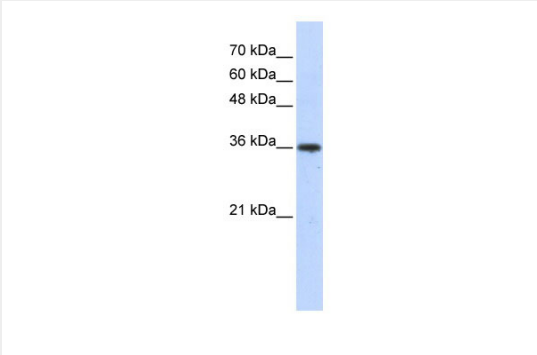
Tissue Location
Expressed in colon, kidney, liver, pancreas, adenocarcinoma and endometrium.

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 Cytomety
- Cell Culture

AKR7A3 antibody - middle region - Images



WB Suggested Anti-AKR7A3 Antibody Titration: 0.2-1 µg/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).