

AKR7A2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant AKR7A2. Catalog # AT1096a

Product Information

Application WB, E **Primary Accession** 043488 **Other Accession** BC004111 Reactivity Human Host mouse Clonality monoclonal Isotype IgG1 kappa **Clone Names** 2A6 Calculated MW 39589

Additional Information

Gene ID 8574

Other Names Aflatoxin B1 aldehyde reductase member 2, 111n11, AFB1 aldehyde reductase

1, AFB1-AR 1, Aldoketoreductase 7, Succinic semialdehyde reductase, SSA

reductase, AKR7A2, AFAR, AFAR1, AKR7

Target/Specificity AKR7A2 (AAH04111.3, 1 a.a. ~ 330 a.a) full-length recombinant protein with

GST tag. MW of the GST tag alone is 26 KDa.

Dilution WB~~1:500~1000 E~~N/A

Format Clear, colorless solution in phosphate buffered saline, pH 7.2.

Storage Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions AKR7A2 Antibody (monoclonal) (M01) is for research use only and not for use

in diagnostic or therapeutic procedures.

Background

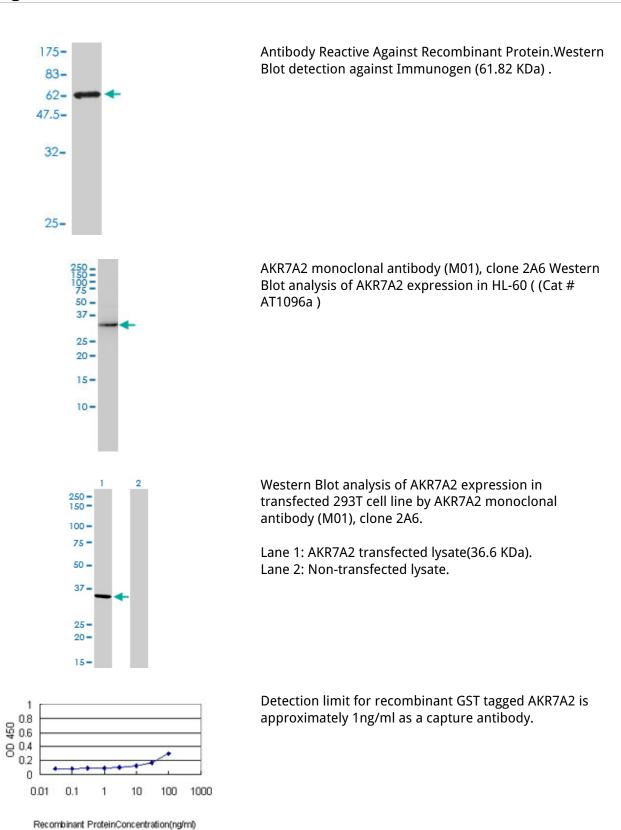
Aldo-keto reductases, such as AKR7A2, are involved in the detoxification of aldehydes and ketones.

References

Proteomic analysis of pancreatic ductal adenocarcinoma compared with normal adjacent pancreatic tissue and pancreatic benign cystadenoma. Cui Y, et al. Pancreatology, 2009. PMID 19077459. Genetic variation of Aflatoxin B1 aldehyde reductase genes (AFAR) in human tumour cells. Praml C, et al. Cancer Lett, 2008 Dec 8. PMID 18752886. Synthesis and catabolism of gamma-hydroxybutyrate in SH-SY5Y human neuroblastoma

cells: role of the aldo-keto reductase AKR7A2. Lyon RC, et al. J Biol Chem, 2007 Sep 7. PMID 17591773. The DNA sequence and biological annotation of human chromosome 1. Gregory SG, et al. Nature, 2006 May 18. PMID 16710414. Disrupted function and axonal distribution of mutant tyrosyl-tRNA synthetase in dominant intermediate Charcot-Marie-Tooth neuropathy. Jordanova A, et al. Nat Genet, 2006 Feb. PMID 16429158.

Images



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