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Datasheet for ABIN522048

anti-AKR7A2 antibody (AA 1-330)

3 Images

Overview

Quantity:	100 µg
Target:	AKR7A2
Binding Specificity:	AA 1-330
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This AKR7A2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Purpose:	Mouse monoclonal antibody raised against a full-length recombinant AKR7A2.
Immunogen:	AKR7A2 (AAH10852.1, 1 a.a. ~ 330 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MSRPPPPRVA SVLGTMEMGR RMDAPASAAA VRAFLERGHY ELDTAFMYSD GQSETILGGL GLGLGGGDCR VKIATKANPW DGKSLKPDSV RSQLETSLKR LQCPQVDFY LHAPDHGTPV EETLHACQRL HQEGKFVELG LSNYASWEVA EICTLCKSNG WILPTVYQGM YNATTRQVET ELFPCLRHFG LRFYAYNPLA GLLTGKYKY EDKDGKQPVG RFFGNSWAET YRNRFWKEHH FEAIALVEKA LQAAYGASAP SVTSAALRWM YHHSQLQGAH GDAVILGMSS LEQLEQNLA TEEGPLEPAV VDAFNQAWHL VAHECPNYFR
Clone:	2H3
Isotype:	IgG1

Product Details

Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	AKR7A2
Alternative Name:	AKR7A2 (AKR7A2 Products)
Background:	Full Gene Name: aldo-keto reductase family 7, member A2 (aflatoxin aldehyde reductase) Synonyms: AFAR,AFAR1,AFB1-AR1,AKR7
Gene ID:	8574

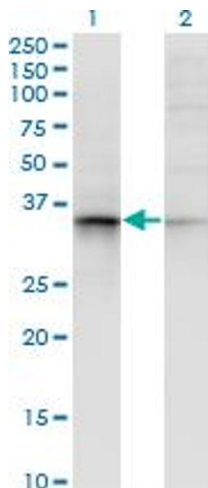
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images

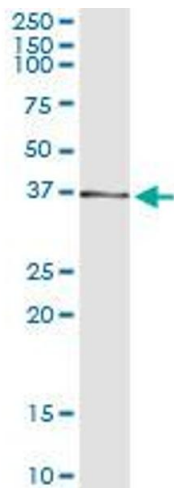


Western Blotting

Image 1. Western Blot analysis of AKR7A2 expression in transfected 293T cell line by AKR7A2 monoclonal antibody (M15), clone 2H3.

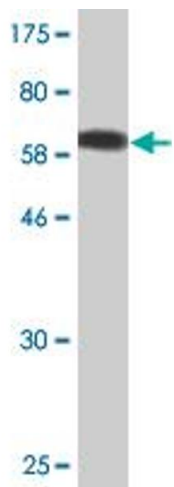
Lane 1: AKR7A2 transfected lysate(36.6 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Image 2. Immunoprecipitation of AKR7A2 transfected lysate using anti-AKR7A2 monoclonal antibody and Protein A Magnetic Bead , and immunoblotted with AKR7A2 MaxPab rabbit polyclonal antibody.



Western Blotting

Image 3. Western Blot detection against Immunogen (61.82 kDa) .