

Product Datasheet

AADAC Antibody (2E8) - Azide and BSA Free H00000013-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00000013-M01

AADAC Antibody (2E8) - Azide and BSA Free

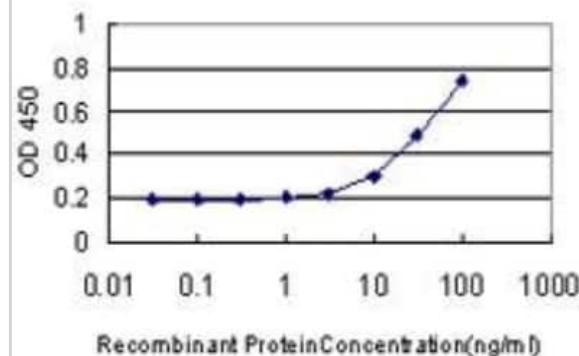
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2E8
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	13
Gene Symbol	AADAC
Species	Human, Mouse, Rat, Monkey
Specificity/Sensitivity	arylacetamide deacetylase (esterase)
Immunogen	AADAC (NP_001077, 201 a.a. ~ 300 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. QLLDDPDVKIKLKIQSLIYPALQPLDVLPSYQENSNFLFLSKSLMVRFWSEYFT TDRSLEKAMLSRQHVPVESHFLFKFINWSSLLPERFIKGVYNNP
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500, ELISA
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

Images

ELISA: AADAC Antibody (2E8) [H00000013-M01] - AADAC Antibody (2E8) [H00000013-M01] - Detection limit for recombinant GST tagged AADAC is approximately 3ng/ml as a capture antibody.



Publications

Kobayashi Y, Fukami T, Nakajima A et al. Species differences in tissue distribution and enzyme activities of arylacetamide deacetylase in human, rat, and mouse. *Drug Metab Dispos.* 2011-12-29 [PMID: 22207054]

Shimizu M, Fukami T, Kobayashi Y et al. A Novel Polymorphic Allele of Human Arylacetamide Deacetylase Leads to Diminished Enzyme Activity. *Drug Metab Dispos.* 2012-03-13 [PMID: 22415931]

Kobayashi Y, Fukami T, Higuchi R et al. Metabolic activation by human arylacetamide deacetylase, CYP2E1, and CYP1A2 causes phenacetin-induced methemoglobinemia. *Biochem Pharmacol.* 2012-08-23 [PMID: 22940574]

Muta K, Fukami T, Nakajima M, Yokoi T. N-Glycosylation during translation is essential for human arylacetamide deacetylase enzyme activity. *Biochem Pharmacol.* 2013-10-03 [PMID: 24125761]

Watanabe A, Fukami T, Nakajima M et al. Human Arylacetamide Deacetylase Is A Principal Enzyme in Flutamide Hydrolysis. *Drug Metab Dispos.* 2009-04-01 [PMID: 19339378]





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Products Related to H00000013-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
H00000013-Q01-10ug	Recombinant Human AADAC GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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