

Datasheet for ABIN7434821
anti-Aromatase antibody (AA 196-373)



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1 Image

Overview

Quantity:	100 µL
Target:	Aromatase (CYP19A1)
Binding Specificity:	AA 196-373
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aromatase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Aromatase (ARO)
Immunogen:	Recombinant Aromatase (ARO) corresponding to Leu196~Val373 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ARO. It has been selected for its ability to recognize ARO in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

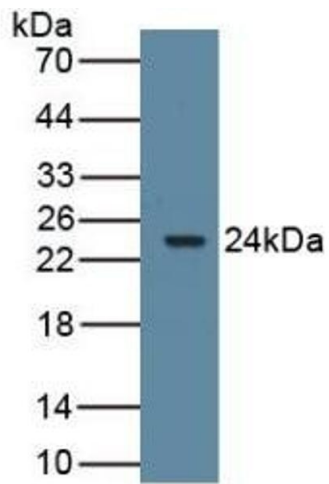
Target:	Aromatase (CYP19A1)
Alternative Name:	Aromatase (CYP19A1 Products)
Background:	CYP19A1, CYPXIX, ARO, ARO1, CPV1, CYAR, CYP19, P450AROM, P450-AROM, Estrogen synthase, Cytochrome P450, Family 19, Subfamily A, Polypeptide 1
Pathways:	Metabolism of Steroid Hormones and Vitamin D , Steroid Hormone Biosynthesis , C21-Steroid Hormone Metabolic Process , Carbohydrate Homeostasis

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of Recombinant ARO, Rat using Polyclonal Antibody to Aromatase (ARO)