



# Aromatase Polyclonal Antibody

Product Details	
Size	50 µg
Species Reactivity	Bovine, Chicken, Horse, Human, Mouse, Pig, Rabbit, Rat
Published Species	Pig, Sheep, Bovine, Mouse, Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide surrounding amino acid 385 of human Aromatase
Form	Liquid
Concentration	0.5 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 30% glycerol, 5mM EDTA, 0.5% BSA
Contains	0.03% ProClin 300
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2088676

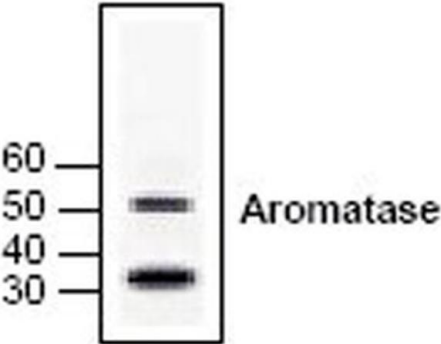
Applications	Tested Dilution	Publications
Western Blot (WB)	0.5-4 µg/mL	9 Publications
Immunohistochemistry (IHC)	-	4 Publications
Immunohistochemistry (Paraffin) (IHC (P))	10-20 µg/mL	-

## Product Specific Information

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For Aromatase Polyclonal Antibody

**Aromatase Antibody (PA1-21398) in WB**  
Western Blot analysis of human brain lysate using Aromatase Polyclonal Antibody (Product # PA1-21398).



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## Western Blot (9)

Frontiers in cell and developmental biology

### KISS1R and ANKRD31 Cooperate to Enhance Leydig Cell Gene Expression *via* the Cytoskeletal-Nucleoskeletal Pathway.

"PA1-21398 was used in Western Blotting to highlight a novel role for the Kisspeptin-10 in the induction of the cytoskeletal-nucleoskeletal route, downstream a physical interaction between KISS1 receptor and ANKRD31, with gene expression activation as final effect, in Leydig cells."

Authors: Ricci G,Guillou F,Catizone A,Mele VG,Moggio M,Chioccarelli T,Diano N,Meccariello R,Pierantoni R,Fasano S,Cobellis G,Chianese R,Manfrevola F

Year  
2022

Species  
Mouse

Dilution  
1:500

International journal of molecular sciences

### High Doses of D-Chiro-Inositol Alone Induce a PCO-Like Syndrome and Other Alterations in Mouse Ovaries.

"Published figure using Aromatase polyclonal antibody (Product # PA1-21398) in Western Blot"

Authors: Bevilacqua A,Dragotto J,Lucarelli M,Di Emidio G,Monastra G,Tatone C

Year  
2021

Species  
Mouse

Dilution  
1:500

[View more WB references on thermofisher.cn](#)

## Immunohistochemistry (4)

Acta endocrinologica (Bucharest, Romania : 2005)

### INSIGHTS ON AROMATASE IMMUNOHISTOCHEMISTRY: VARIATIONS BETWEEN INTRINSIC MOLECULAR SUBTYPES OF BREAST CANCERS.

"PA1-21398 was used in Immunohistochemistry to describe aromatase expression in the major tissue compartments of breast malignant tumors."

Authors: Armasu I,Prea C,Ianole V,Mocanu V,Hristov I,Andriescu EC,Cretu-Silivestru I,Vasilu I,Dasclu CG,Lupascu CD,Crumpei I,Serban DN,Serban IL,Ciobanu Apostol DG

Year  
2022

Species  
Human

The Journal of international medical research

### Increased expression of aromatase cytochrome P450 enzyme is associated with prolactinoma invasiveness in post-menopausal women.

"Published figure using Aromatase polyclonal antibody (Product # PA1-21398) in Immunohistochemistry"

Authors: Su YX,Du GL,Shen HL,Wang W,Bao JL,Aierken A,Wang BW,Jiang S,Zhu J,Gao XM

Year  
2019

[View more IHC references on thermofisher.cn](#)

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