

Aromatase Polyclonal Antibody

Product Details

Size	50 µg
Species	Bovine, Chicken, Horse, Human, Mouse, Pig, Rabbit, Rat
Published Species	Bovine, Mouse, Human
Expression System	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant full length 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
Immunohistochemistry (IHC)	10-20 µg/ml	3 Publications
Immunohistochemistry (Paraffin) (IHC (P))	10-20 µg/mL	-
Western Blot (WB)	0.5-4 µg/mL	4 Publications

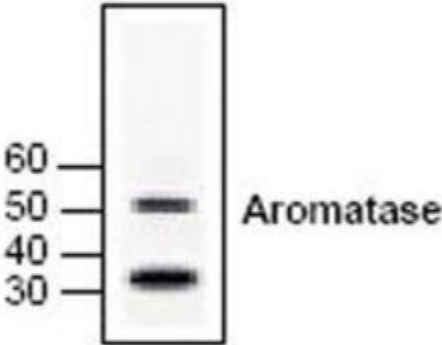
Product Specific Information

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 Aromatase in human brain cell lysate using an Aromatase polyclonal antibody (Product # PA1-21398).



7 References

Immunohistochemistry (3)

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

Species
Not Applicable

Dilution
Not Cited

Year
2019

Endocrine

Aromatase enzyme expression in acromegaly and its possible relationship with disease prognosis.

"PA1-21398 was used in immunohistochemistry to assess the relationship between aromatase expression and the clinical and prognostic features growth hormone secreting adenomas, prolactinomas, and normal pituitary tissues"

Authors: Selek A, Cetinarslan B, Gurbuz Y, Tarkun I, Canturk Z, Cabuk B

Species
Human

Dilution
Not Cited

Year
2015

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

Western Blot (4)

Experimental and therapeutic medicine

Tanshinone IIA attenuates estradiol-induced polycystic ovarian syndrome in mice by ameliorating FSHR expression in the ovary.

"PA1-21398 was used in Western Blotting to replicate PCOS via the neonatal treatment of estradiol in mice."

Authors: Jin J, Hu QY, Xu WW, Zhu WJ, Liu B, Liu J, Wang W, Zhou HF

Species
Mouse

Dilution
1:1000

Year
2019

Reproductive sciences (Thousand Oaks, Calif.)

Developmental Programming: Impact of Prenatal Testosterone Excess on Steroidal Machinery and Cell Differentiation Markers in Visceral Adipocytes of Female Sheep.

"PA1-21398 was used in Western Blotting to show that increased commitment of AT-MSCs to adipocyte lineage and decreased differentiation to adipocytes may underlie the small adipocyte phenotype of prenatal T-treated females."

Authors: Puttabyatappa M, Lu C, Martin JD, Chazenbalk G, Dumesic D, Padmanabhan V

Species
Not Applicable

Dilution
Not Cited

Year
2018

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