

Product Datasheet

Aromatase Antibody (1H1) - BSA Free NBP3-26636-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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NBP3-26636-100ul

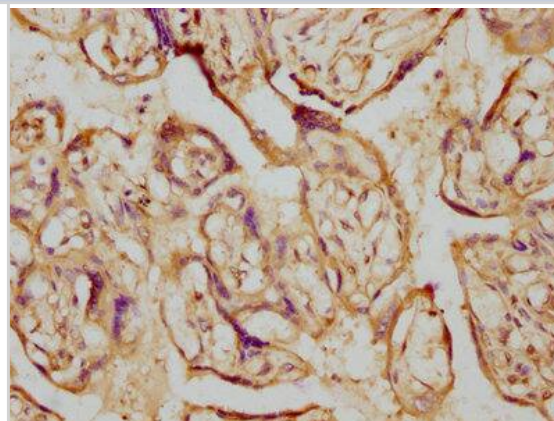
Aromatase Antibody (1H1) - BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1H1
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, pH 7.4, 150mM NaCl, and 50% glycerol
Product Description	
Host	Rabbit
Gene ID	1588
Gene Symbol	CYP19A1
Species	Human
Immunogen	A synthesized peptide derived from Human Aromatase [UniProt P11511]
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:5000, ELISA, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:20-1:200

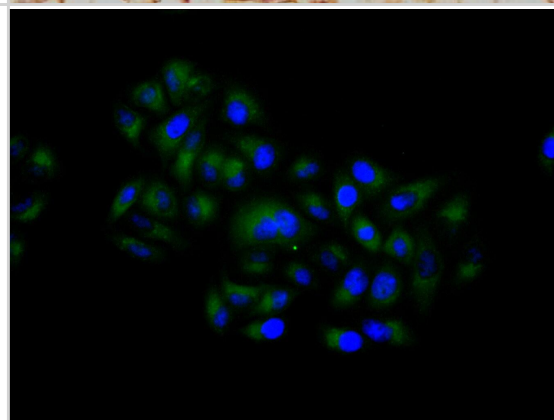


Images

Immunohistochemistry: Aromatase Antibody (1H1) [NBP3-26636] - NBP3-26636 diluted at 1:300 and staining in paraffin-embedded human placenta tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB. Secondary antibody only control: uses 1% BSA instead of primary antibody



Immunocytochemistry/Immunofluorescence: Aromatase Antibody (1H1) [NBP3-26636] - Staining of Hela cell with NBP3-26636 at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



Western Blot: Aromatase Antibody (1H1) [NBP3-26636] - Positive WB detected in: 293 whole cell lysate (20µg), K562 whole cell lysate (20µg), Hela whole cell lysate (20µg), MCF-7 whole cell lysate (20µg), PC-3 whole cell lysate (20µg)

All lanes: CYP19A1 antibody at 1:1000

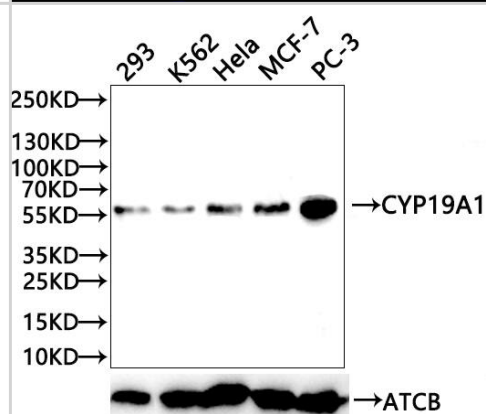
Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

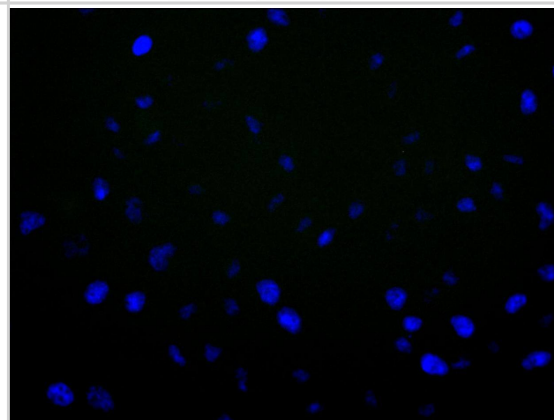
Predicted band size: 58 kDa

Observed band size: 58 kDa

Exposure time : 120s



Immunocytochemistry/Immunofluorescence: Aromatase Antibody (1H1) [NBP3-26636] - Staining of Hela cell with 5% goat serum, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).





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Products Related to NBP3-26636-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB100-1596PEP	Aromatase Antibody Blocking Peptide

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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