

Anti-CYP19A1 antibody (1-180) (STJ114557)

STJ114557

GENERAL INFORMATION

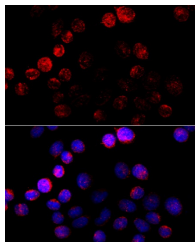
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Rat

PRODUCT PROPERTIES

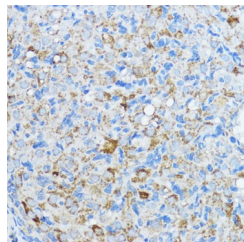
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:1000-1:2000
Range	IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

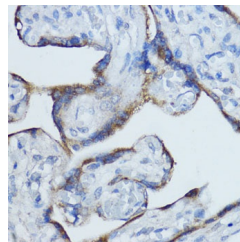
Gene ID	1588
Gene Symbol	CYP19A1
Uniprot ID	CP19A_HUMAN
Immunogen	
Immunogen Region	1-180
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-180 of human Aromatase (CYP19A1) (NP_000094.2).
Immunogen Sequence	MVLEMLNPIHYNITSIVPEA MPAATMPVLLLTGLFLLWVN YEGTSSIPGPGYCMGIGPLI SHGRFLWMGIGSACNYYNRV YGEFMRVWISGEETLIISKSSSMFHIMKHNHYSSRFGSKL GLQCIGMHEKGIIFFNNNPGL WKTRPFFMKALSGPGLVRM VTVCAESLKTDLRLLEVTN



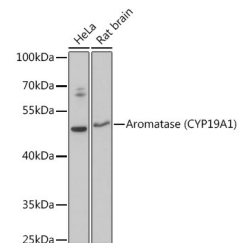
Immunofluorescence analysis of HeLa cells using Aromatase (CYP19A1) antibody (STJ114557) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded rat ovary using Aromatase (CYP19A1) antibody (STJ114557) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human placenta using Aromatase (CYP19A1) antibody (STJ114557) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of various cell lines, using Aromatase (CYP19A1) antibody (STJ114557) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJSD00856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 20s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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