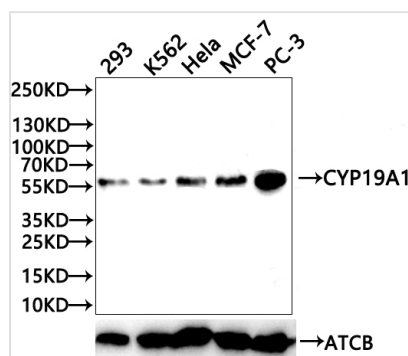




# CYP19A1 Recombinant Monoclonal Antibody

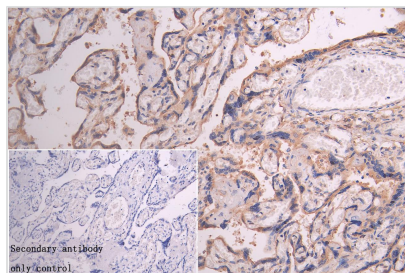
<b>Product Code</b>	CSB-RA006394A0HU
<b>Abbreviation</b>	Aromatase
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P11511
<b>Immunogen</b>	A synthesized peptide derived from human CYP19A1
<b>Species Reactivity</b>	Human
<b>Tested Applications</b>	ELISA, WB, IHC, IF; Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500, IF:1:20-1:200
<b>Relevance</b>	Catalyzes the formation of aromatic C18 estrogens from C19 androgens.
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Purification Method</b>	Affinity-chromatography
<b>Isotype</b>	Rabbit IgG
<b>Clonality</b>	Monoclonal
<b>Product Type</b>	Recombinant Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Research Area</b>	Cell Biology
<b>Target Names</b>	CYP19A1
<b>Clone No.</b>	1H1

## Image

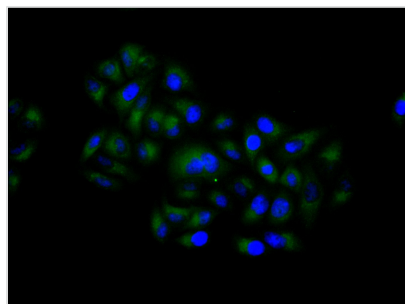


### Western Blot

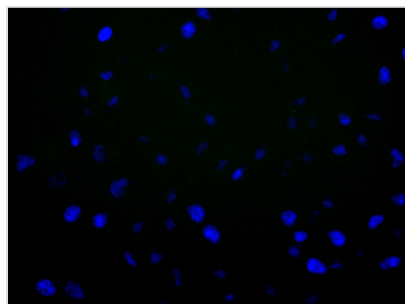
Positive WB detected in: 293 whole cell lysate(20µg), K562 whole cell lysate(20µg), HeLa whole cell lysate(20µg), MCF-7 whole cell lysate(20µg), PC-3 whole cell lysate(20µg)  
 All lanes: CYP19A1 antibody at 1:1000  
 Secondary  
 Goat polyclonal to rabbit IgG at 1/50000 dilution  
 Predicted band size: 58, 25 kDa  
 Observed band size: 58 kDa  
 Exposure time: 120s



IHC image of CSB-RA006394A0HU diluted at 1:300 and staining in paraffin-embedded human placenta tissue performed on a Leica Bond™ 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



Immunofluorescence staining of HeLa cell with CSB-RA006394A0HU 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 4C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescence 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 4C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).

**Usage**

For Research Use Only. Not for use in diagnostic or therapeutic procedures.