Anti-CYP450 Aromatase [H4]

Catalogue number: 153638
Sub-type: Primary antibody
Images:

Contributor

Inventor:
Institute: BioServ UK Ltd
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CYP450 Aromatase [H4]

Alternate name: Aromatase, CYPXIX, Cytochrome P-45AROM, Cytochrome P45 19A1, Estrogen synthase, CYP19A1, ARO1, CYAR, CYP19

Class: Monoclonal
Conjugate: Unconjugated
Description: CYP450 Aromatase is part of the CYP19A1 family involved in the aromatization of androgens to estrogens, a highly conserved mechanism amongst mammals. Clone H4 recognizes a conserved epitope on the CYP450 aromatase, allowing for detection of aromatase levels using various analysis methods.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG2a
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: Synthetic peptide corresponding to AAs 376-390 of human aromatase (KALEDDVIGYPVKK)
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:
Formulation:

Recommended controls: Placenta
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: CYP450 Aromatase

Target alternate names:

Target background: CYP450 Aromatase is part of the CYP19A1 family involved in the aromatization of androgens to estrogens, a highly conserved mechanism amongst mammals. Clone H4 recognizes a conserved epitope on the CYP450 aromatase, allowing for detection of aromatase levels using various analysis methods.

Molecular weight: 55 kDa

Ic50:

Applications

Application: IHC ; IF ; WB
Application notes:

Handling

Format: Liquid
Concentration:
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Gold et al. 2005. J Mol Endocrinol. 34(2):505-15. PMID: 15821113. ; betaA- and betaC-activin, follistatin, activin receptor mRNA and betaC-activin peptide expression during rat liver regeneration. ; Mellor et al. 2003. Endocrinology. 144(10):4410-9. PMID: 12960042. ; Activin betaC-subunit heterodimers provide a new mechanism of regulating activin levels in the prostate. ; Mellor et al. 2000. J Clin Endocrinol Metab. 85(12):4851-8. PMID: 11134153. ; Localization of activin beta(A)-, beta(B)-, and beta(C)-subunits in humanprostate and evidence for formation of new activin heterodimers of beta(C)-subunit.