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Anti-Aromatase CYP19A1 Rabbit Monoclonal Antibody

Catalog Number: M00071

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Overview

Product Name	Anti-Aromatase CYP19A1 Rabbit Monoclonal Antibody
Reactive Species	Human, Rat
Description	Boster Bio Anti-Aromatase CYP19A1 Rabbit Monoclonal Antibody catalog # M00071. Tested in WB, IP applications. This antibody reacts with Human, Rat.
Application	IP, WB
Clonality	Monoclonal AABB-3
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P11511

Technical Details

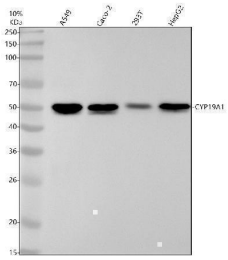
Immunogen	A synthesized peptide derived from human Aromatase
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB, 1:500-2000

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Anti-Aromatase CYP19A1 Rabbit Monoclonal Antibody (M00071) Images



Western blot analysis of CYP19A1 using anti-CYP19A1 antibody (M00071). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human A549 whole cell lysates, Lane 2: human Caco-2 whole cell lysates, Lane 3: human 293T whole cell lysates, Lane 4: human HepG2 whole cell lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-CYP19A1 antigen affinity purified monoclonal antibody (M00071) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for CYP19A1 at approximately 50 kDa. The expected band size for CYP19A1 is at 58 kDa.

3 Publications Citing This Product

1. PubMed ID: 23484106, Zhang D, Yang B, Zou W, Lu X, Xiong M, Wu L, Wang J, Gao J, Xu S, Zou T. Biomed Res Int. 2013;2013:301540. Doi: 10.1155/2013/301540. Epub 2012 Dec 26. Estradiol Synthesis And Release In Cultured Female Rat Bone Marrow Stem Cells.

2. PubMed ID: 15661083, Extragonadal aromatization increases with time after ovariectomy in rats

3. PubMed ID: 15777765, Electroacupuncture enhances extragonadal aromatization in ovariectomized rats

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