

DHB2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP08476
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from part region of human protein
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Estradiol 17-beta-dehydrogenase 2
Synonyms	Estradiol 17-beta-dehydrogenase 2 ;EC 1.1.1.62;17-beta-hydroxysteroid dehydrogenase type 2;17-beta-HSD 2;20 alpha-hydroxysteroid dehydrogenase;20-alpha-HSD;E2DH;Microsomal 17-beta-hydroxys

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Catalytic activity: Estradiol-17-beta + NAD(P)(+) = estrone + NAD(P)H., Catalytic activity: Testosterone + NAD(+) = androst-4-ene-3,17-dione + NADH., Capable of catalyzing the interconversion of testosterone and androstenedione, as well as estradiol and estrone. Also has 20-alpha-HSD activity. Uses NADH while EDH17B3 uses NADPH., Belongs to the short-chain dehydrogenases/reductases (SDR) family.,

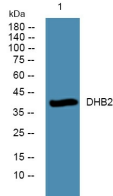
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of lysates from SW480 cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year