

Anti-HSD17B3 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat (predicted:Human,Pig,Cow,Horse,Rabbit)
Molecular Weight:	Theoretical: 34 kDa. Actual: 34 kDa.
Purification:	Protein A purified

Applications

1. Paraformaldehyde-fixed, paraffin embedded (Mouse testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (HSD17B3) Polyclonal Antibody, Unconjugated (TMAB-00890) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

2. Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min;

Verified Activity:

Incubation: Anti-HSD17B3 Polyclonal Antibody, Unconjugated (TMAB-00890) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

3. Sample:

Brain (Mouse) Lysate at 40 µg

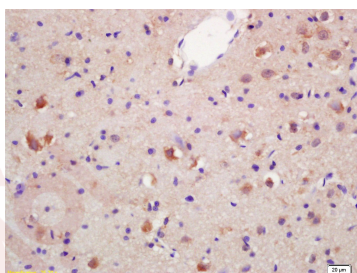
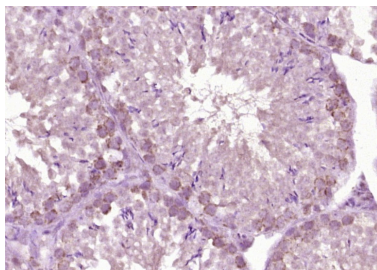
Testis (Mouse) Lysate at 40 µg

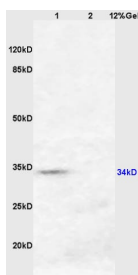
Primary: Anti-HSD17B3 (TMAB-00890) at 1/300 dilution

Secondary: HRP conjugated Goat-Anti-rabbit IgG (secondary antibody) at 1/5000 dilution

Predicted band size: 34 kDa

Observed band size: 34 kDa





Application: IHC-P,IHC-F,IF

Recommended IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human HSD17B3

Antigen Species: Human

Gene ID: 3293

Uniprot ID: P37058

Synonyms: 17-beta-hydroxysteroid dehydrogenase type 3;Testosterone 17 beta dehydrogenase 3; Estradiol 17 beta dehydrogenase;Hydroxysteroid(17 beta) dehydrogenase 3;DHB3;EDH17B3; Estradiol 17 beta dehydrogenase 3;17 beta HSD 3;Testicular 17 beta hydroxysteroid dehydrogenase

Biology Area: Hormone biosynthesis, Metabolism of lipids and lipoproteins, Oxidative Stress, Hormone biosynthesis, Lipid metabolism, Oxidative stress, Cancer, Hormones

Research Background

HSD17B3 is involved in the reduction of androstenedione to testosterone. It is expressed predominantly in the testis. Deficiency in HSD17B3 are the cause of male pseudohermaphroditism with gynecomastia (MPH).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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