

Anti-HSD11B1 Antibody Picoband® Biotin Conjugated

Catalog Number: PA1372-1-Biotin

About HSD11B1

11beta-hydroxysteroid dehydrogenase type 1 is an NADPH-dependent enzyme highly expressed in key metabolic tissues including liver, adipose tissue, and the central nervous system. In these tissues, HSD11B1 reduces cortisone to the active hormone cortisol that activates glucocorticoid receptors. It is inhibited by carbenoxolone, a drug typically used in the treatment of peptic ulcers. Tannin et al. (1991) localized the HSD11B1 gene to chromosome 1. The localization was confirmed by isolating the gene from a chromosome 1-specific library using the cDNA as a probe. Schutte et al. (2000) mapped the HSD11B1 gene to 1q32-q41.

Overview

Product Name	Anti-HSD11B1 Antibody Picoband® Biotin Conjugated
Reactive Species	Human, Monkey, Mouse, Rat
Application	WB, IHC, ELISA
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P28845

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human HSD11B1, different from the related mouse sequence by two amino acids, and from the related rat sequence by four amino acids.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	Western blot, Optimal dilutions should be determined by end users. Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by

end users.
ELISA, Optimal dilutions should be determined by end users.

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