Datasheet for ABIN6142008
anti-HSD17B3 antibody (AA 1-310)

Overview

Quantity: 100 μL
Target: HSD17B3
Binding Specificity: AA 1-310
Reactivity: Human
Host: Rabbit
Clonality: Polyclonal
Conjugate: This HSD17B3 antibody is un-conjugated
Application: Western Blotting (WB)

Product Details

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-310 of human HSD17B3 (NP_000188.1).
Sequence: MGDVEQFFILTGLLVCLACLAKCVRFSRCVLLNYWKVLPKSFLRSMGQWAVITGAGDGI
          GKAYSFELAKRGLNVVLISRTEKLEIAITEERTTGRSVKIQADFTKDIYEHKEKLAGEIGILVN
          NVGMLPNLLLPSHFLNAPDEIQSLIHCNITSVKMTQLILKHMESRQKGLILNISSGIALF
          PWPLYSMYSAKAFVCAFSKALQEEYKAKEVIQVLTPYA VSTAMTKYLN TNVITKTADE
          FVKESLNYYTIGGETCGCLAHIELAGFLSLIPAWAFYSGAFQRLLLTHYVAYLKLNTKVR
Isotype: IgG
Cross-Reactivity: Human, Mouse, Rat
Characteristics: Polyclonal Antibodies
Purification: Affinity purification
Target Details

Target: HSD17B3

Alternative Name: HSD17B3 (HSD17B3 Products)

Background: This isoform of 17 beta-hydroxysteroid dehydrogenase is expressed predominantly in the testis and catalyzes the conversion of androstenedione to testosterone. It preferentially uses NADP as cofactor. Deficiency can result in male pseudohermaphroditism with gynecomastia, HSD17B3, EDH17B3, SDR12C2, Cancer, Signal Transduction, Cell Biology & Developmental Biology, Growth factor, Endocrine & Metabolism, Lipid Metabolism, HSD17B3

Molecular Weight: 29 kDa/34 kDa

Gene ID: 3293

UniProt: P37058

Pathways: Metabolism of Steroid Hormones and Vitamin D, Steroid Hormone Biosynthesis

Application Details

Application Notes: WB, 1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.