

Datasheet for ABIN2785439
anti-HSD17B3 antibody (N-Term)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

Quantity:	100 µL
Target:	HSD17B3
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSD17B3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	AVITGAGDGI GKAYSFELAK RGLNVVLISR TLEKLEAIAT EIERTTGRSV
Predicted Reactivity:	Horse: 79%, Human: 100%, Rat: 91%
Characteristics:	This is a rabbit polyclonal antibody against HSD17B3. It was validated on Western Blot.
Purification:	Affinity Purified

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

Target Details

as cofactor. Deficiency can result in male pseudohermaphroditism with gynecomastia.

Alias Symbols: EDH17B3, SDR12C2

Protein Size: 310

Molecular Weight: 34 kDa

Gene ID: 3293

NCBI Accession: [NM_000197](#), [NP_000188](#)

UniProt: [P37058](#)

Pathways: [Metabolism of Steroid Hormones and Vitamin D](#), [Steroid Hormone Biosynthesis](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 310 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

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

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Suzuki, Yoshitomo-Nakagawa, Maruyama, Suyama, Sugano: "Construction and characterization of a full length-enriched and a 5'-end-enriched cDNA library." in: **Gene**, Vol. 200, Issue 1-2, pp.

149-56, (1997) ([PubMed](#)).

Images

