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Datasheet for ABIN2785439 anti-HSD17B3 antibody (N-Term)

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

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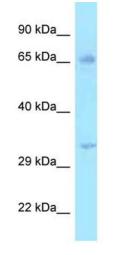
	as cofactor. Deficiency can result in male pseudohermaphroditism with gynecomastia.
	Alias Symbols: EDH17B3, SDR12C2
	Protein Size: 310
Molecular Weight:	34 kDa
Gene ID:	3293
NCBI Accession:	NM_000197, NP_000188
UniProt:	P37058
Pathways:	Metabolism of Steroid Hormones and Vitamin D, Steroid Hormone Biosynthesis
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 smal
	aliquots to prevent freeze-thaw cycles.
Publications	
Product cited in:	Suzuki, Yoshitomo-Nakagawa, Maruyama, Suyama, Sugano: "Construction and characterizat

of a full length-enriched and a 5'-end-enriched cDNA library." in: Gene, Vol. 200, Issue 1-2, pp.

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149-56, (1997) (PubMed).

Images



Rabbit Anti-HSD17B3 Antibody Catalog Number: ARP53554 Lot Number: QC22023 Lane: 721_B Cell Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 12%

Western Blotting

Image 1.

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