

Rabbit HSD17B1 Polyclonal Antibody | anti-HSD17B1 antibody

HSD17B1 Polyclonal Antibody

CATALOG # AAA166296	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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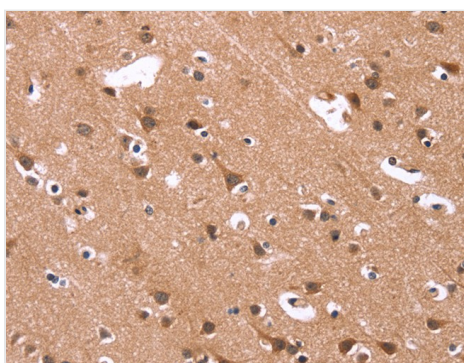
PRODUCT SYNONYMS

HSD17B1; Polyclonal Antibody; HSD17B1 Polyclonal Antibody; HSD17; EDHB17; EDH17B2; SDR28C1; anti-HSD17B1 antibody

PRODUCT SPECIFICATIONS

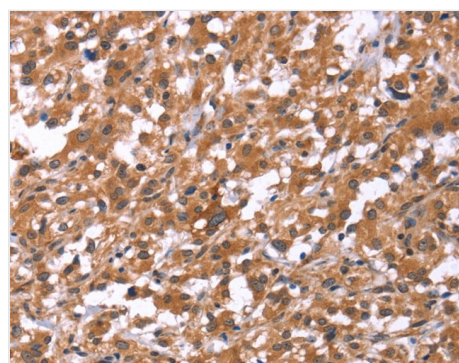
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.8mg/mL (varies by lot)
Sequence Length	113
Applicable Applications for anti-HSD17B1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human HSD17B1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



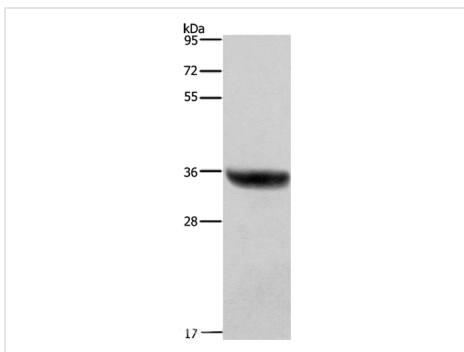
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain using HSD17B1 Polyclonal Antibody at dilution of 1:40



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using HSD17B1 Polyclonal Antibody at dilution of 1:40



WB (Western Blot)

Western Blot analysis of Human placenta tissue using HSD17B1 Polyclonal Antibody at dilution of 1:700

ADDITIONAL INFORMATION

Related Product Information for anti-HSD17B1 antibody

Hydroxysteroid (17-beta) dehydrogenase 1 catalyzes the final step in the formation of estradiol and testosterone from estrone and androstenedione, respectively. Ovarian granulosa cells and breast tissue both express HSD17B1. Other tissues that express HSD17B1 include testis, placenta, uterus, prostate and adipose tissue. HSD17B1 functions as a homodimer and prefers NADP(H) over NAD(H) for oxidation and reduction. The gene encoding human HSD17B1 maps to chromosome 17q12-q21. The importance of HSD17B1 to estradiol production suggests the specific inhibition of HSD17B1 may aid in breast cancer therapy.

Product Categories/Family for anti-HSD17B1 antibody

Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	685874613
Molecular Weight	12,211 Da
NCBI Official Full Name	hsd17b1, partial
UniProt Protein Name	Hsd17b1
UniProt Gene Name	hsd17b1
UniProt Entry Name	A0A096ZEC1_9TELE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/hsd17b1-antibody-immunohistochemistry-western-blot-elisa/166296>