Rabbit HSD17B12 Polyclonal Antibody | anti-HSD17B12 antibody

HSD17B12 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA168880	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot, ELISA**

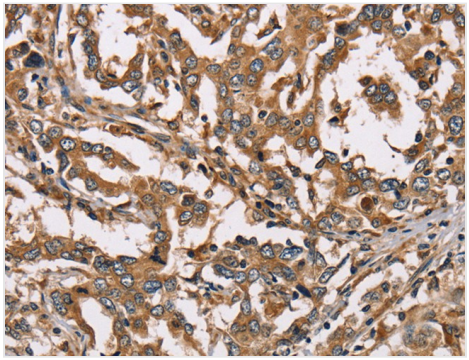
PRODUCT SYNONYMS

HSD17B12; Polyclonal Antibody; HSD17B12 Polyclonal Antibody; KAR; SDR12C1; anti-HSD17B12 antibody

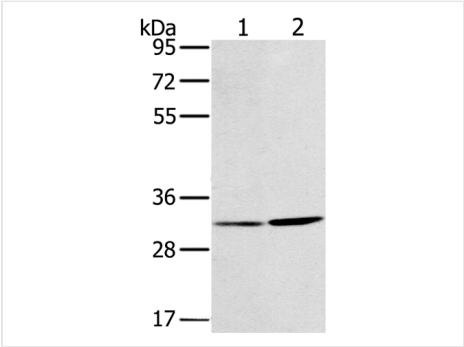
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.9mg/mL (varies by lot)
Sequence Length	98
Applicable Applications for anti-HSD17B12 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human HSD17B12
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 (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human liver cancer using HSD17B12 Polyclonal Antibody at dilution of 1:40



WB (Western Blot)
Western Blot analysis of A172 and A375 cell using HSD17B12 Polyclonal Antibody at dilution of 1:650

ADDITIONAL INFORMATION

Related Product Information for anti-HSD17B12 antibody	This gene encodes a very important 17beta-hydroxysteroid dehydrogenase (17beta-HSD) that converts estrone into estradiol in ovarian tissue. This enzyme is also involved in fatty acid elongation. Catalyzes the transformation of estrone (E1) into estradiol (E2), suggesting a central role in estrogen formation. Its strong expression in ovary and mammary gland suggest that it may constitute the major enzyme responsible for the conversion of E1 to E2 in women.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15214803
NCBI GeneID	51144
Molecular Weight	10,342 Da
NCBI Official Full Name	HSD17B12 protein
NCBI Official Synonym Full Names	hydroxysteroid (17-beta) dehydrogenase 12
NCBI Official Symbol	HSD17B12
NCBI Official Synonym Symbols	KAR; SDR12C1
NCBI Protein Information	estradiol 17-beta-dehydrogenase 12; 17-beta-HSD 12; 17-beta-hydroxysteroid dehydrogenase 12; 17beta-HSD type 12; 3-ketoacyl-CoA reductase; short chain dehydrogenase/reductase family 12C, member 1; steroid dehydrogenase homolog
UniProt Protein Name	Estradiol 17-beta-dehydrogenase 12
UniProt Gene Name	**HSD17B12**
UniProt Synonym Gene Names	17-beta-HSD 12; KAR
UniProt Entry Name	DHB12_HUMAN

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.

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Online datasheet: https://www.aaabiotech.com/polyclonal/hsd17b12-antibody-immunohistochemistry-western-blot-elisa/168880