

Rabbit anti-Human HSD17B12 Polyclonal Antibody | anti-HSD17B12 antibody

HSD17B12 Antibody

CATALOG # AAA304842	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total HSD17B12 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1.8 mg/ml (varies by lot)
Sequence Length	312
Applicable Applications for anti-HSD17B12 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human hydroxysteroid (17-beta) dehydrogenase 12
Target Name	HSD17B12
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using at dilution 1/30.



Application Data

Gel: 8%SDS-PAGE Lysates (from left to right): A375, hela and A172 cell Amount of lysate: 40ug per lane Primary antibody: 1/570 dilution Secondary antibody dilution: 1/8000 Exposure time: 30 seconds

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 #	7705855
NCBI GeneID	51144
NCBI Accession #	NP_057226.1
NCBI GenBank Nucleotide #	NM_016142.2
UniProt Accession #	Q53GQ0; Q96EA9; Q96JU2; Q9Y6G8; A8K9B0; D3DR23
Molecular Weight	10,342 Da
NCBI Official Full Name	very-long-chain 3-oxoacyl-CoA reductase
NCBI Official Synonym Full Names	hydroxysteroid (17-beta) dehydrogenase 12
NCBI Official Symbol	HSD17B12
NCBI Official Synonym Symbols	KAR; SDR12C1
NCBI Protein Information	very-long-chain 3-oxoacyl-CoA reductase
UniProt Protein Name	Very-long-chain 3-oxoacyl-CoA reductase
UniProt Gene Name	HSD17B12
UniProt Synonym Gene Names	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://stage.aaabiotech.com/polyclonal/hsd17b12-antibody-immunohistochemistry-western-blot-elisa/304842>