

Rabbit anti-Human, Rat 17-Alpha-Hydroxylase Polyclonal Antibody | anti-S17aH antibody

17-Alpha-Hydroxylase (S17aH) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145261	Rabbit	Human, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

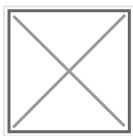
PRODUCT SYNONYMS

17-Alpha-Hydroxylase; Polyclonal Antibody; 17-Alpha-Hydroxylase (S17aH) Polyclonal Antibody; CYP17A1; CPT7; P450C17; 17-alpha-hydroxyprogesterone aldolase/17; 20-Lyase; Steroid 17-alpha-monooxygenase; Cytochrome P450; Family 17; Subfamily A; Polypeptide 1; anti-S17aH antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against S17aH. It has been selected for its ability to recognize S17aH in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	0.94mg/ml (varies by lot)
Sequence Length	503
Applicable Applications for anti-S17aH antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human, Rat
Organism Species	Rat
Fragment	S17aH (Thr201~Thr507)
Quality Control	Content: The quality control contains recombinant S17aH (Thr201~Thr507) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescient (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Rat Adrenal Gland Tissue.



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Rat Testis Tissue



WB (Western Blot)
Western Blot: Sample: Recombinant S17aH, Rat.



WB (Western Blot)
Western Blot: Sample: Lane1: Rat Testis Tissue; Lane2: Human A549 Cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6978731
NCBI GeneID	25146
NCBI Accession #	NP_036885.1
NCBI GenBank Nucleotide #	NM_012753.2
UniProt Accession #	P11715; Q68FY2; Q6LAE5
Molecular Weight	57,250 Da
NCBI Official Full Name	steroid 17-alpha-hydroxylase/17,20 lyase
NCBI Official Synonym Full Names	cytochrome P450, family 17, subfamily a, polypeptide 1
NCBI Official Symbol	Cyp17a1
NCBI Official Synonym Symbols	Cyp17
NCBI Protein Information	steroid 17-alpha-hydroxylase/17,20 lyase
UniProt Protein Name	Steroid 17-alpha-hydroxylase/17,20 lyase
UniProt Gene Name	Cyp17a1
UniProt Synonym Gene Names	Cyp17; Cytochrome P450c17

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/17-alpha-hydroxylase-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/145261>