



Rabbit Anti-HSD17B14 antibody

SL16527R

Product Name:	HSD17B14
Chinese Name:	17β羟类固醇脱氢酶14/17β-HSD14抗体
Alias:	17 beta hydroxysteroid dehydrogenase 14; 17 beta hydroxysteroid dehydrogenase DHRS10; Dehydrogenase/reductase SDR family member 10; DHRS10; DHB14_HUMAN; Retinal short chain dehydrogenase/reductase 3; Retinal short chain dehydrogenase/reductase retSDR3; retSDR3; SDR3.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	28kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human HSD17B14:101-200/270
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	17-beta-hydroxysteroid dehydrogenases, such as HSD17B14, are primarily involved in metabolism of steroids at the C17 position and also of other substrates, such as fatty acids, prostaglandins, and xenobiotics (Lukacik et al., 2007 [PubMed 17067289]).[supplied by OMIM, Jun 2009]

Function:

HSD17B14 belongs to the short-chain dehydrogenases/reductases (SDR) family. It has NAD-dependent 17-beta-hydroxysteroid dehydrogenase activity and converts oestradiol to oestrone. The physiological substrate is not known. HSD17B14 acts on oestradiol and 5-androstene-3-beta,17-beta-diol (in vitro). It is highly expressed in brain, placenta, liver and kidney.

Subunit:

Homotetramer.

Subcellular Location:

Cytoplasmic

Tissue Specificity:

Highly expressed in brain, placenta, liver and kidney.

Similarity:

Belongs to the short-chain dehydrogenases/reductases (SDR) family.

SWISS:

Q9BPX1

Gene ID:

51171

Database links:

[Entrez Gene: 51171](#) Human

[Omir: 612832](#) Human

[SwissProt: Q9BPX1](#) Human

[Unigene: 18788](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.