

DHRS11 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP17926c

Product Information

Application	WB, E
Primary Accession	Q6UWP2
Other Accession	NP_077284.2
Reactivity	Human
Predicted	Mouse, Rat, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37680
Calculated MW	28308
Antigen Region	115-142

Additional Information

Gene ID	79154
Other Names	Dehydrogenase/reductase SDR family member 11, 1---, DHRS11
Target/Specificity	This DHRS11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 115-142 amino acids from the Central region of human DHRS11.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	DHRS11 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	DHRS11
Synonyms	SDR24C1 {ECO:0000303 PubMed:19027726}
Function	Catalyzes the conversion of the 17-keto group of estrone, 4- and

5-androstenes and 5-alpha-androstanes into their 17-beta- hydroxyl metabolites and the conversion of the 3-keto group of 3-, 3,17- and 3,20-diketosteroids into their 3beta-hydroxyl metabolites. Exhibits reductive 3-beta-hydroxysteroid dehydrogenase activity toward 5-beta-androstanes, 5-beta-pregnanes, 4-pregnenes and bile acids (PubMed:[26920053](#)). May contribute to the metabolism of adrenal-derived androgen precursors. Reduces 11-keto-4-androstene-3,17-dione (11KA4) and 11-keto-5alpha-androstane-3,17-dione (11K-Adione) into potent androgens 11-ketotestosterone (11KT) and 11-ketodihydrotestosterone (11KDHT), respectively (PubMed:[31926269](#)). May also reduce endogenous and exogenous alpha-dicarbonyl compounds and xenobiotic alicyclic ketones (PubMed:[26920053](#)).

Cellular Location

Secreted.

Tissue Location

Isoform 1: Ubiquitously expressed, with highest levels in testis, small intestine, colon, kidney, brain and heart Isoform 3: Expressed in brain, heart and skeletal muscle

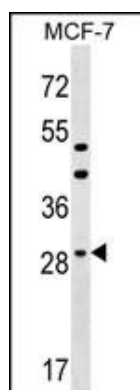
Background

The function of this protein remains unknown.

References

Persson, B., et al. Chem. Biol. Interact. 178 (1-3), 94-98 (2009) :
Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)

Images



DHRS11 Antibody (Center) (Cat. #AP17926c) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the DHRS11 antibody detected the DHRS11 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.