Bioworld Technology CO., Ltd.

DD2 (Q60) Peptide

Cat No.: BS3804P

Background

DD1 is also designated AKR1C1, DDH or DDH1, while DD2 also can be designated AKR1C2, dDD, BABP or DDH2. AKR1C3 and 3α-HSD are alternate designations for human DD3 (which is referred to as AKR1C18 in rodents), while DD4 also can be called AKR1C4, CD, CHDR or AKR1C6 (in rodents). DD1 and DD2 are 20α-HSDs, whereas DD3 and DD4 are the 3α- HSDs. The multiple human cytosolic dihydrodiol dehydrogenases are involved in the metabolism of xenobiotics, such as polycyclic aromatic hydrocarbons, pesticides and steroid hormones, and are responsible for the reduction of ketone-containing drugs by using NADH or NADPH as a cofactor. The 20α- HSD catalyzes the reaction of Progesterone to the inactive form 20α-hydroxyprogesterone.

Swiss-Prot

P52895

Applications

Blocking

Specificity

This peptide can be used with studies using BS3804 DD2 (Q60) pAb.

Purification & Purity

Synthetic peptide DD2 (Q60). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.

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