

## DD1 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP02529
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthesized peptide derived from DD1 . at AA range: 30-110
<b>Mol wt</b>	36788
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	DD1 Antibody
<b>Synonyms</b>	AKR1C1; DDH; DDH1; Aldo-keto reductase family 1 member C1; 20-alpha-hydroxysteroid dehydrogenase; 20-alpha-HSD; Chlordecone reductase homolog HAKRC; Dihydrodiol dehydrogenase 1/2; DD1/DD2; High-affini

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

AKR1C1 encodes a member of the aldo/keto reductase superfamily, which consists of more than 40 known enzymes and proteins. These enzymes catalyze the conversion of aldehydes and ketones to their corresponding alcohols by utilizing NADH and/or NADPH as cofactors. The enzymes display overlapping but distinct substrate specificity. This enzyme catalyzes the reaction of progesterone to the inactive form 20-alpha-hydroxy-progesterone. This gene shares high sequence identity with three other gene members and is clustered with those three genes at chromosome 10p15-p14.

### Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 10000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for one year