

DHB1 Rabbit pAb

CatalogNo: YN0705

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 36kD (Observed)

Isotype

- IgG

| Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

| Basic Information

Clonality Polyclonal

| Immunogen Information

Immunogen Synthesized peptide derived from part region of human protein. AA range:62-162

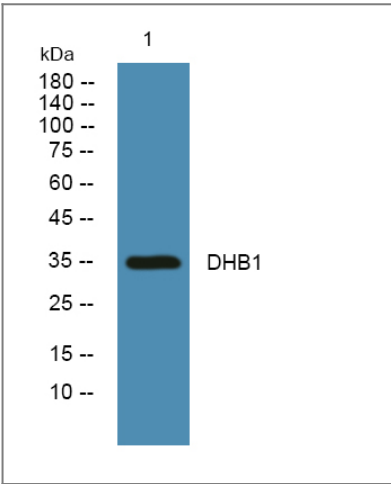
Specificity DHB1 Polyclonal Antibody detects endogenous levels of protein.

| Target Information

Gene name HSD17B1 E17KSR EDH17B1 EDH17B2 EDHB17

Protein Name	Estradiol 17-beta-dehydrogenase 1 (17-beta-hydroxysteroid dehydrogenase type 1) (17-beta-HSD 1) (20 alpha-hydroxysteroid dehydrogenase) (20-alpha-HSD) (E2DH) (Placental 17-beta-hydroxysteroid dehydrogenase)		
	Organism	Gene ID	UniProt ID
	Human	3292;	P14061;
	Mouse		P51656;
	Rat		P51657;
Cellular Localization	Cytoplasm.		
Tissue specificity	Brain ,Placenta ,Skin ,		
Function	Catalytic activity:Estradiol-17-beta + NAD (P) (+) = estrone + NAD (P) H. ,Function:Favors the reduction of estrogens and androgens. Also has 20-alpha-HSD activity. Uses preferentially NADH. ,online information:The Singapore human mutation and polymorphism database ,pathway:Steroid biosynthesis; estrogen biosynthesis. ,similarity:Belongs to the short-chain dehydrogenases/reductases (SDR) family. ,subunit:Homodimer. ,		

Validation Data



Western blot analysis of lysates from KB cells, primary antibody was diluted at 1:1000, 4°C over night

Contact information

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