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PATE3

Reactivity: Human Mouse Rat

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW:12KDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human PATE3

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

HEL-127; PATE-DJ;

Catalog #:A2204

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:100169851

Isotype: IgG

Swiss Prot:B3GLJ2

Purity: Affinity purification

For research use only.

Background:

PATE3 (prostate and testis expressed protein 3), also known as PATE-DJ or HEL-127, is a 98 amino acid protein that contains one UPAR/Ly6 domain and belongs to the PATE family. PATE3 is a secreted protein that is expressed in prostate and testis. The gene that encodes PATE3 consists of around 3,490 bases and maps to human chromosome 11p15.5. Chromosome 11, which comprises approximately 4% of the human genome, is considered a gene and disease association-dense chromosome. The chromosome 11 encoded Atm gene is important for regulation of cell cycle arrest and apoptosis following double strand DNA breaks. Atm mutation leads to the disorder known as ataxia-telangiectasia. The blood disorders Sickle cell anemia and thalassemia are caused by HBB gene mutations, while Wilms' tumors, WAGR syndrome and Denys-Drash syndrome are associated with mutations of the WT1 gene. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary angioedema and Smith-Lemli-Opitz syndrome are also associated with defects in chromosome 11-encoded genes.

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