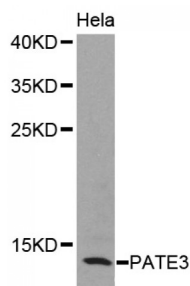


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Prostate And Testis Expressed Protein 3 (PATE3) Antibody

Catalogue No.: abx001816



Western blot analysis of extracts of HeLa cells, using PATE3 antibody (abx001816).

PATE3 Antibody is a Rabbit Polyclonal antibody against PATE3. 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 Sick 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.

Target:	PATE3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Tested Applications:	WB

Recommended dilutions: WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Immunogen:	Recombinant protein of human PATE3.
Purification:	Affinity purified.
Form:	Liquid
Isotype:	IgG
Conjugation:	Unconjugated

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Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Molecular Weight: Calculated MW: 11 kDa
Observed MW: 12 kDa

Swiss Prot: [B3GLJ2](#)

GeneID: [100169851](#)

Gene Symbol: PATE3

Concentration: > 1 mg/ml

Buffer: PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

Note: This product is for research use only.