



Rabbit Anti-Human CD3D Polyclonal Antibody (DPABH-03632)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 22-105 of human CD3D (NP_000723.1).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rat
Purification	Affinity purification
Conjugate	Unconjugated
Applications	WB, IHC
Positive Control	Jurkat
Format	Liquid
Size	50 µl, 100 µl
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Avoid freeze / thaw cycles.

BACKGROUND

Introduction	The protein encoded by this gene is part of the T-cell receptor/CD3 complex (TCR/CD3
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complex) and is involved in T-cell development and signal transduction. The encoded membrane protein represents the delta subunit of the CD3 complex, and along with four other CD3 subunits, binds either TCR alpha/beta or TCR gamma/delta to form the TCR/CD3 complex on the surface of T-cells. Defects in this gene are a cause of severe combined immunodeficiency autosomal recessive T-cell-negative/B-cell-positive/NK-cell-positive (SCIDBNK). Two transcript variants encoding different isoforms have been found for this gene. Other variants may also exist, but the full-length natures of their transcripts has yet to be defined.

Keywords	CD3D; CD3d molecule, delta (CD3-TCR complex); T3D; IMD19; CD3-DELTA; T-cell surface glycoprotein CD3 delta chain; CD3 delta; OKT3, delta chain; CD3 antigen, delta subunit; T-cell receptor T3 delta chain; CD3d antigen, delta polypeptide (TiT3 complex);
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GENE INFORMATION

Entrez Gene ID	915
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UniProt ID	P04234
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