

## Product datasheet for **AP11514PU-N**

### CD3G (N-term) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	ELISA: 1/1,000. Western blot: 1/1,000. Flow Cytometry: 1/10-1/50. Immunohistochemistry 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 48-76 amino acids from the N-terminal region of human CD3G.
Specificity:	This antibody detects CD3G at N-term.
Formulation:	PBS with 0.09% (W/V) sodium azide State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. Then the antibody is purified by peptide affinity purification.
Conjugation:	Unconjugated
Storage:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD3g molecule
Database Link:	<a href="#">Entrez Gene 917 Human P09693</a>



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**Background:**

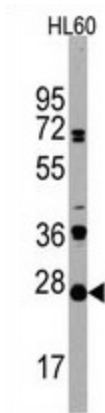
CD3G is the CD3-gamma polypeptide, which together with CD3-epsilon, -delta and -zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T-cell receptor-CD3 complex. This complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. The genes encoding the epsilon, gamma and delta polypeptides are located in the same cluster on chromosome 11. Defects in the CD3G gene are associated with T cell immunodeficiency.

**Synonyms:**

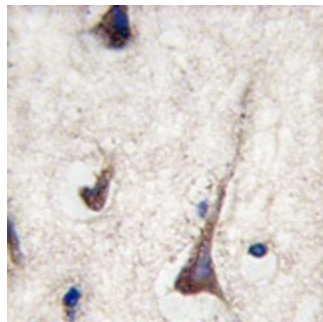
CD3G, T3G

**Note:**

Molecular weight: 20469 Da

**Product images:**

Western blot analysis of CD3G Antibody (N-term) in HL60 cell line lysates (35 ug/lane). CD3G (arrow) was detected using the purified Pab (1:60 dilution).



Formalin-fixed and paraffin-embedded human brain tissue reacted with CD3G antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.