



Anti-CD247 (N-terminal) polyclonal antibody (DPABT-H20851)

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

PRODUCT INFORMATION

Product Overview	Rabbit Anti-CD247 Polyclonal Antibody
Antigen Description	CD3 (Cluster of Differentiation 3) consists of five invariant polypeptide chains that associate to form three dimers: a heterodimer of gamma and epsilon chains, a heterodimer of delta and epsilon chains and a homodimer of two zeta chains or a heterodimer of zeta and eta chains. The zeta chain contains three consecutive copies of the same motif.
Target	CD247
Immunogen	Synthetic peptide derived from near N-terminus of the zeta chain of human CD3 protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	IHC-P
Molecular Weight	~20 kDa
Cellular Localization	Membrane
Preservative	None
Storage	2-8 °C

GENE INFORMATION

Gene Name	CD247 CD247 molecule [Homo sapiens]
Official Symbol	CD247
Synonyms	CD247; CD247 molecule; CD3Z, CD3z antigen, zeta polypeptide (TiT3 complex) , CD247 antigen; T-cell surface glycoprotein CD3 zeta chain; CD3H; CD3Q; CD3zeta chain; TCR zeta chain; CD247 antigen, zeta subunit; T-cell receptor T3 zeta chain; CD3Z antigen,
Entrez Gene ID	919
Protein Refseq	NP_000725
UniProt ID	P20963
Chromosome Location	1q22-q25
Pathway	Adaptive Immune System, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem; Chagas disease (American trypanosomiasis), organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem; Cost
Function	identical protein binding; protein binding; protein homodimerization activity; receptor activity; transmembrane signaling receptor activity;