

Polyclonal Antibody to Cluster Of Differentiation 40 Ligand (CD40L)

Cluster Of Differentiation 40 Ligand
Catalog # AP74563

Product Information

Application	WB
Primary Accession	P51749
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29243

Additional Information

Gene ID	282387
Other Names	CD154; TRAP; HIGM1; IGM; IMD3; TBAM; T-BAM; TNFSF5; Gp39; TNF Superfamily Member 5; Hyper-IgM Syndrome; TNF-Related Activation Protein; T-Cell B-Cell Activating Molecule
Target/Specificity	Bos taurus; Bovine (Cattle)
Dilution	WB~~Western blotting: 0.2-2 µg/mL;1:250-2500 Immunohistochemistry: 5-20 µg/mL;1:25-100 Immunocytochemistry: 5-20 µg/mL;1:25-100 Optimal working dilutions must be determined by end user.
Format	PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

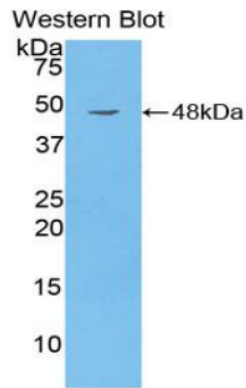
Name	CD40LG
Synonyms	CD40L, TNFSF5
Function	Cytokine that acts as a ligand to CD40/TNFRSF5 (By similarity). Costimulates T-cell proliferation and cytokine production (By similarity). Its cross-linking on T-cells generates a costimulatory signal which enhances the production of IL4 and IL10 in conjunction with the TCR/CD3 ligation and CD28 costimulation (By similarity). Induces the activation of NF-kappa-B (By similarity). Induces the activation of kinases MAPK8 and PAK2 in T-cells (By similarity). Mediates B-cell proliferation in the absence of co-stimulus as well as IgE production in the presence of IL4 (By similarity). Involved in immunoglobulin class switching (By

similarity).

Cellular Location

Cell membrane {ECO:0000250 | UniProtKB:P29965}; Single-pass type II membrane protein {ECO:0000250 | UniProtKB:P29965} Cell surface {ECO:0000250 | UniProtKB:P29965}

Images



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