

CD40 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51057

Product Information

Application	WB, ICC, IHC-P
Primary Accession	P25942
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30619

Additional Information

Gene ID	958
Other Names	Tumor necrosis factor receptor superfamily member 5, B-cell surface antigen CD40, Bp50, CD40L receptor, CDw40, CD40, CD40, TNFRSF5
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CD40. The exact sequence is proprietary.
Dilution	WB~~1:1000 ICC~~N/A IHC-P~~N/A
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	CD40
Synonyms	TNFRSF5
Function	Receptor for TNFSF5/CD40LG (PubMed: 31331973). Transduces TRAF6- and MAP3K8-mediated signals that activate ERK in macrophages and B cells, leading to induction of immunoglobulin secretion (By similarity).
Cellular Location	[Isoform I]: Cell membrane; Single-pass type I membrane protein
Tissue Location	B-cells and in primary carcinomas.

Background

Receptor for TNFSF5/CD40LG. Transduces TRAF6- and MAP3K8-mediated signals that activate ERK in

macrophages and B cells, leading to induction of immunoglobulin secretion.

References

Stamenkovic I., et al. EMBO J. 8:1403-1410(1989).

Tone M., et al. Proc. Natl. Acad. Sci. U.S.A. 98:1751-1756(2001).

Kalnina N., et al. Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.

Suzuki Y., et al. Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.

Livingston R.J., et al. Submitted (OCT-2006) to the EMBL/GenBank/DDBJ databases.

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