

## CD40 Polyclonal Antibody

**catalog number: E-AB-16318**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

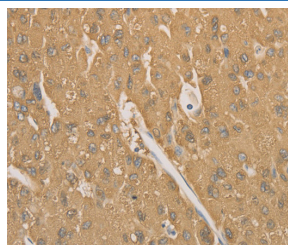
### Description

<b>Reactivity</b>	Human;Mouse
<b>Immunogen</b>	Synthetic peptide of human CD40
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

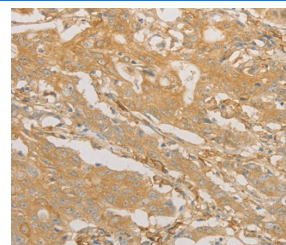
### Applications

Applications	Recommended Dilution
IHC	1:100-1:300

### Data



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using CD40 Polyclonal Antibody at dilution 1:70



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using CD40 Polyclonal Antibody at dilution 1:70

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor has been found to be essential in mediating a broad variety of immune and inflammatory responses including T cell-dependent immunoglobulin class switching, memory B cell development, and germinal center formation. A T-hook transcription factor AKNA is reported to coordinately regulate the expression of this receptor and its ligand, which Human, Mouse may be important for homotypic cell interactions. Adaptor protein TNFR2 interacts with this receptor and serves as a mediator of the signal transduction. The interaction of this receptor and its ligand is found to be necessary for amyloid-beta-induced microglial activation, and thus is thought to be an early event in Alzheimer disease pathogenesis.

### For Research Use Only