

CD27 Polyclonal Antibody

catalog number: E-AB-14846

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

Description

| | |
|---------------------|--|
| Reactivity | Human |
| Immunogen | Recombinant protein of human CD27 |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Conjugation | Unconjugated |
| buffer | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

Applications

Recommended Dilution

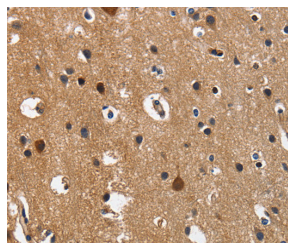
| | |
|------------|---------------|
| WB | 1:1000-1:5000 |
| IHC | 1:50-1:200 |

Data

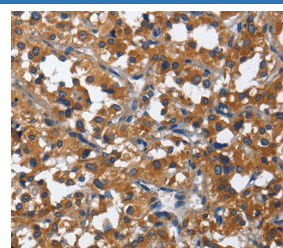


Western Blot analysis of Raji, PC3 and lovo cell using CD27 Polyclonal Antibody at dilution of 1:727

Calculated-MV:29 kDa



Immunohistochemistry of paraffin-embedded Human brain using CD27 Polyclonal Antibody at dilution of 1:60



Immunohistochemistry of paraffin-embedded Human thyroid cancer using CD27 Polyclonal Antibody at dilution of 1:60

Preparation & Storage

| | |
|-----------------|--|
| Storage | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| Shipping | 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 is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis. This receptor transduces signals that lead to the activation of NF-kappaB and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of this receptor. CD27-binding protein (SIVA), a proapoptotic protein, can bind to this receptor and is thought to play an important role in the apoptosis induced by this receptor.

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