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# AMIGO2 Polyclonal Antibody

**Cat #:** G-AB-02198

**Host:** Rabbit **Reactivity:** Human, Mouse, Rat

**Isotype:** IgG **Clonality:** Polyclonal

**Overview:**
The amphoterin-induced gene and ORF (AMIGO) family of proteins consists of AMIGO-1, AMIGO-2 and AMIGO-3. All three members are single pass type I membrane proteins that contain several leucine-rich repeats, one IgG domain, and a transmembrane domain. The AMIGO proteins are specifically expressed on fiber tracts of neuronal tissues and participate in their formation. The AMIGO proteins can form complexes with each other, but can also bind itself. AMIGO-1, also designated Alivin-2, promotes growth and fasciculation of neurites and plays a role in myelination and fasciculation of developing neural axons. In cerebellar neurons, AMIGO-2 (Alivin-1) is crucial for depolarization-dependent survival. Similar to AMIGO-1 and AMIGO-2, AMIGO-3 (Alivin-3) plays a role in homophilic and/or heterophilic cell-cell interaction and signal transduction

**Gene ID:**

**Accession #:** BC047595

**Immunogen:** Recombinant protein of human AMIGO2

**Conjugation:** Unconjugated

**Swissprot:** Q86SJ2

**Calculated Molecular Weight:** 58 kDa

**Observed Molecular Weight:**

**Concentration:** 0.6 mg/mL

**Buffer:** PBS with 0.05% sodium azide and 50% glycerol, PH7.4

**Purification Method:** Affinity purification

**Application:** WB,IHC,ELISA

**Dilution:** WB 1:500-1:2000, IHC 1:50-1:200

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.