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# Product datasheet for TA349261

## BAI2 (ADGRB2) Rabbit Polyclonal Antibody

### Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Applications:** | IHC |
| **Recommended Dilution:** | IHC: 25-100<br>Positive control: Human thyroid cancer<br>Predicted cell location: Cytoplasm |
| **Reactivity:** | Human, Mouse |
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Immunogen:** | Fusion protein of human BMPR1B |
| **Formulation:** | pH7.4 PBS, 0.05% NaN3, 40% Glyceroln |
| **Concentration:** | lot specific |
| **Purification:** | Antigen affinity purification |
| **Conjugation:** | Unconjugated |
| **Storage:** | Store at -20°C as received. |
| **Stability:** | Stable for 12 months from date of receipt. |
| **Gene Name:** | adhesion G protein-coupled receptor B2 |
| **Database Link:** | NP_001694<br>Entrez Gene 230775 MouseEntrez Gene 576 Human O60241 |

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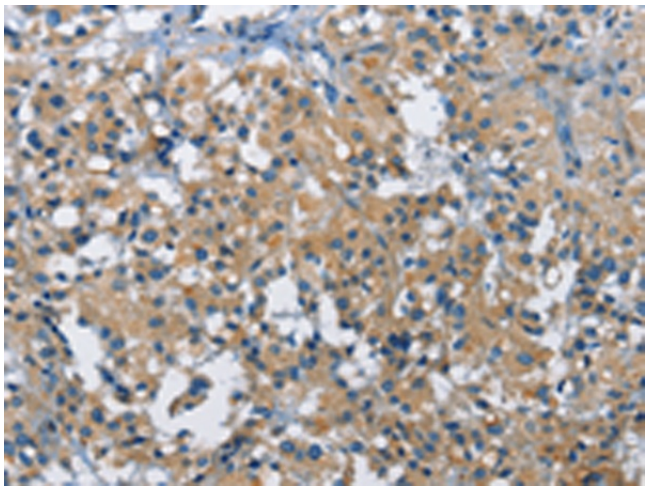
**Background:** This gene encodes a member of the bone morphogenetic protein (BMP) receptor family of transmembrane serine/threonine kinases. The ligands of this receptor are BMPs, which are members of the TGF-beta superfamily. BMPs are involved in endochondral bone formation and embryogenesis. These proteins transduce their signals through the formation of heteromeric complexes of 2 different types of serine (threonine) kinase receptors: type I receptors of about 50-55 kD and type II receptors of about 70-80 kD. Type II receptors bind ligands in the absence of type I receptors, but they require their respective type I receptors for signaling, whereas type I receptors require their respective type II receptors for ligand binding.

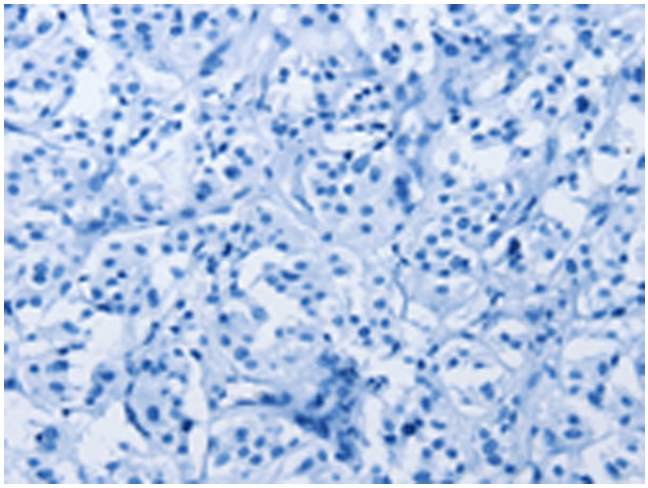
**Synonyms:** brain-specific angiogenesis inhibitor 2; Brain-specific angiongenesis inhibitor-2

**Protein Families:** Druggable Genome, Transmembrane

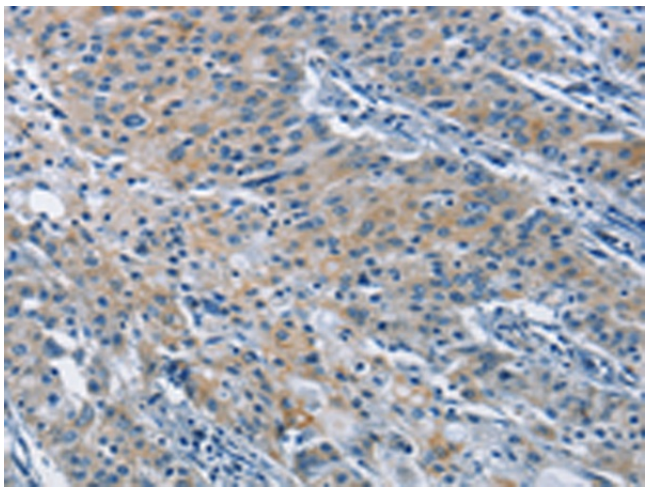
## Product images:



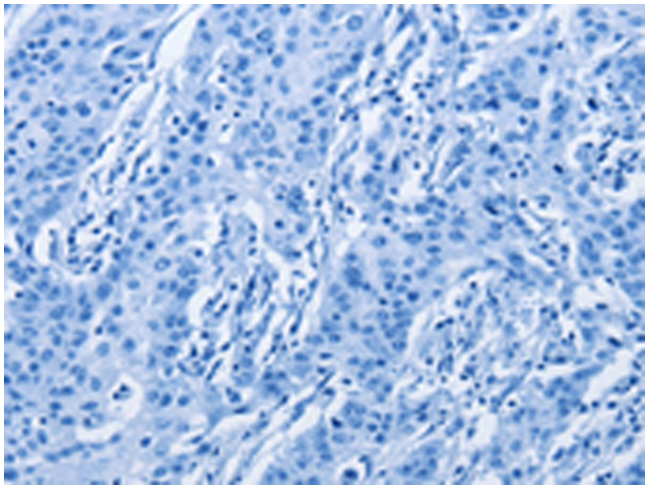
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349261 (BMPR1B Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349261 (BMPR1B Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA349261 (BMPR1B Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA349261 (BMPR1B Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: ×200)