

## Product datasheet for **TA350997S**

### ANXA2R Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human tonsil Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human ANXA2R
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	annexin A2 receptor
Database Link:	<a href="#">NP_001014301</a> <a href="#">Entrez Gene 389289 Human</a> <a href="#">Q3ZCQ2</a>

**Background:** ANXA2R (annexin-2 receptor), also known as AX2R or C5orf39, is a 193 amino acid protein that is widely expressed and may act as an annexin II receptor on marrow stromal cells to induce osteoclast formation. In addition, ANXA2R is highly expressed in lymphocytes and is also found in resting CD4<sup>+</sup> and CD8<sup>+</sup> T cells. The gene encoding ANXA2R maps to human chromosome 5, which contains 181 million base pairs and comprises nearly 6% of the human genome. Chromosome 5 is associated with Cockayne syndrome through the ERCC8 gene and familial adenomatous polyposis through the adenomatous polyposis coli (APC) tumor suppressor gene. Treacher Collins syndrome is also chromosome 5-associated and is caused by insertions or deletions within the TCOF1 gene.

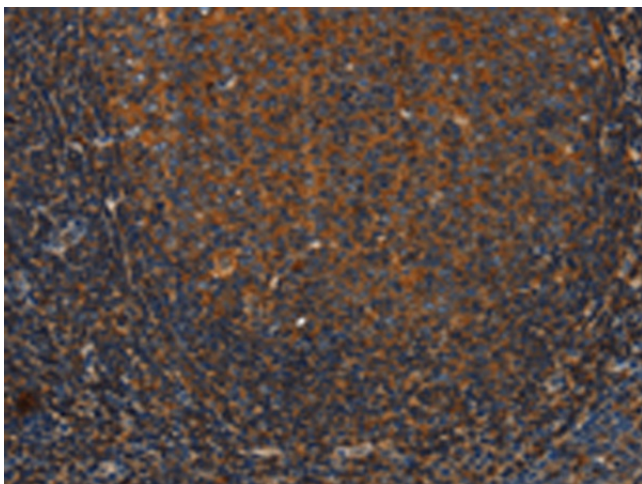


[View online »](#)

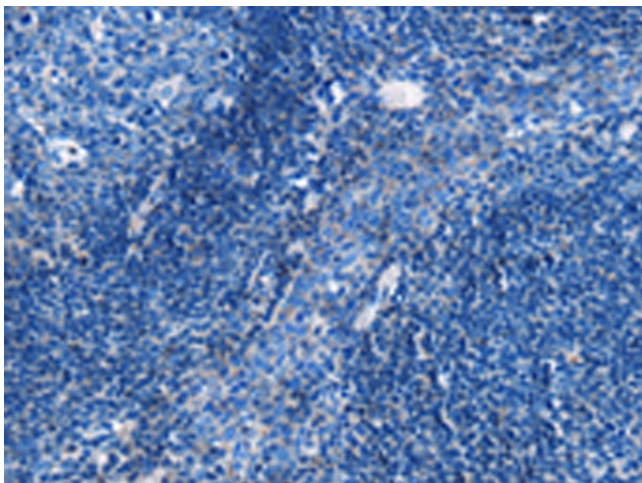
Synonyms: AX2R; AXIIR; C5orf39

Protein Families: Druggable Genome

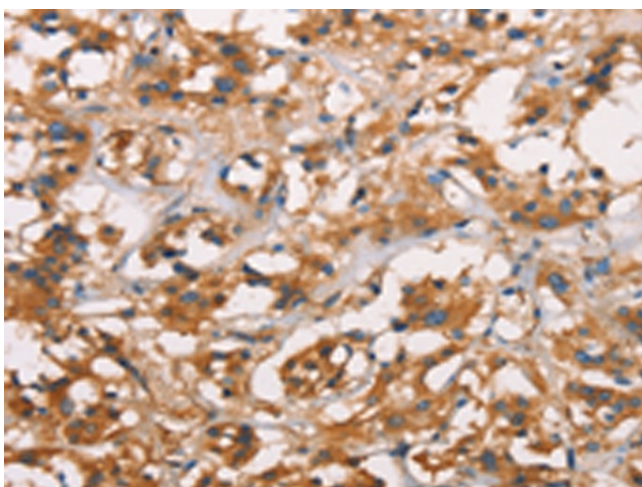
### Product images:



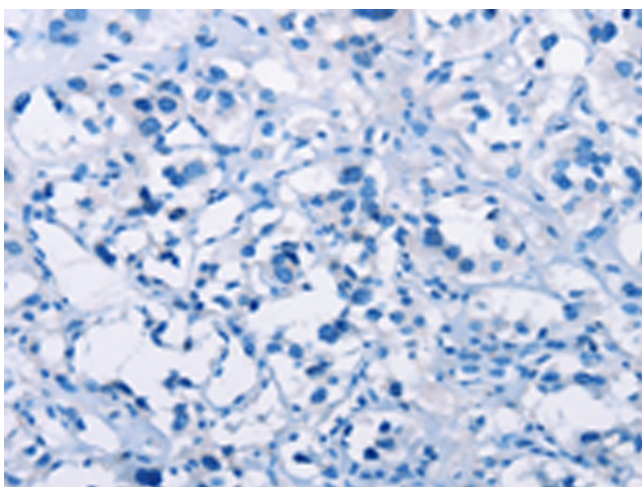
Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA350997] (ANXA2R Antibody) at dilution 1/25 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA350997] (ANXA2R Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA350997] (ANXA2R Antibody) at dilution 1/25 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA350997] (ANXA2R Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification:  $\times 200$ )