

## Product datasheet for **TA351878**

### Thromboxane A2 receptor (TBXA2R) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Raji and Jurkat cells IHC: 30-150 Positive control: Human cervical cancer Predicted cell location: Cell membrane
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human TBXA2R
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
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.
Predicted Protein Size:	37 kDa
Gene Name:	thromboxane A2 receptor
Database Link:	<a href="#">NP_963998</a> <a href="#">Entrez Gene 6915 Human P21731</a>
Background:	This gene encodes a member of the G protein-coupled receptor family. The protein interacts with thromboxane A2 to induce platelet aggregation and regulate hemostasis. A mutation in this gene results in a bleeding disorder. Multiple transcript variants encoding different isoforms have been found for this gene.
Synonyms:	BDPLT13; TXA2-R

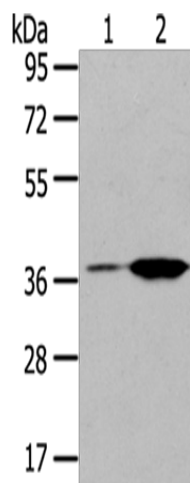


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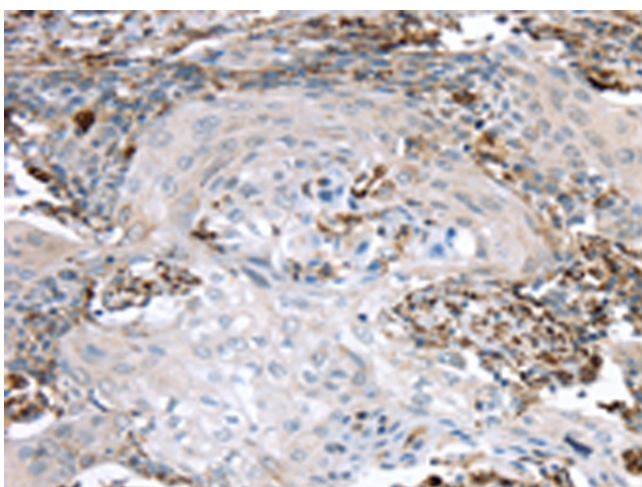
**Protein Families:** Druggable Genome, GPCR, Transmembrane

**Protein Pathways:** Calcium signaling pathway, Neuroactive ligand-receptor interaction

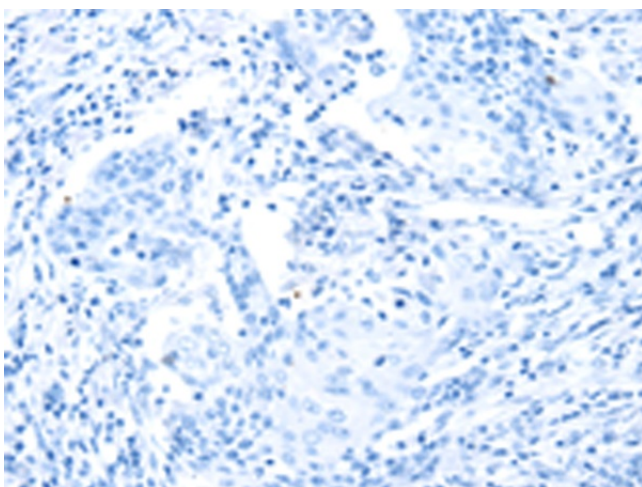
**Product images:**



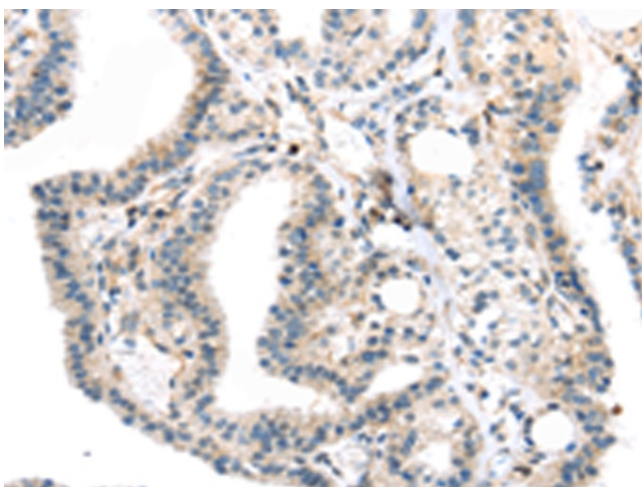
Gel: 8%SDS-PAGE  
Lysate: 40 µg  
Lane 1-2: Raji cells  
Jurkat cells  
Primary antibody: TA351878 (TBXA2R Antibody)  
at dilution 1/200  
Secondary antibody: Goat anti rabbit IgG at  
1/8000 dilution  
Exposure time: 40 seconds



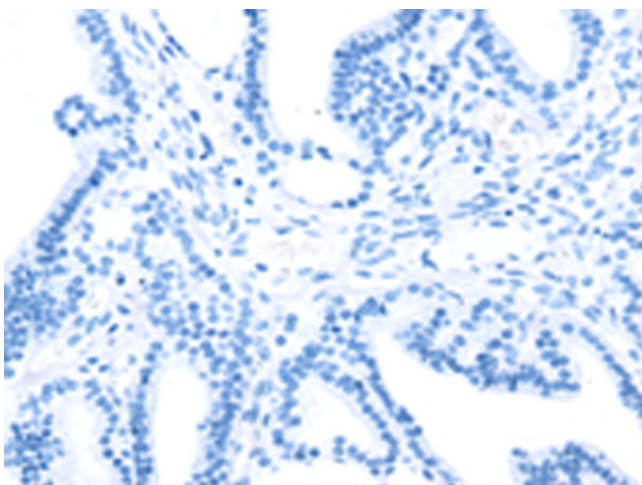
Immunohistochemistry of paraffin-embedded  
Human cervical cancer tissue using TA351878  
(TBXA2R Antibody) at dilution 1/40 (Original  
magnification: ×200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA351878 (TBXA2R Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA351878 (TBXA2R Antibody) at dilution 1/40 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA351878 (TBXA2R Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: x200)