

## Product datasheet for **TA370838**

### **PYCR2 Rabbit Polyclonal Antibody**

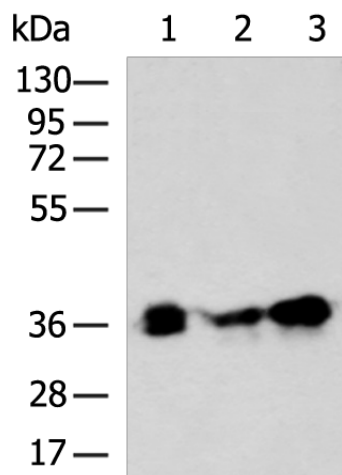
#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: 293T, HepG2 and K562 cell lysates IHC: 50-100 Positive control: Human gastric cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human PYCR2
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.
Stability:	1 year
Predicted Protein Size:	34 kDa
Gene Name:	pyrroline-5-carboxylate reductase family member 2
Database Link:	<a href="#">Entrez Gene 29920 Human Q96C36</a>
Background:	This gene belongs to the pyrroline-5-carboxylate reductase family. The encoded mitochondrial protein catalyzes the conversion of pyrroline-5-carboxylate to proline, which is the last step in proline biosynthesis. Alternatively spliced transcript variants have been described for this gene.
Synonyms:	FLJ54750; P5CR2

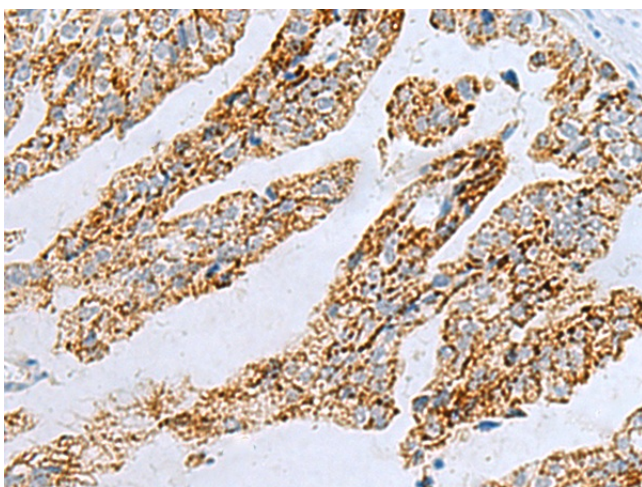


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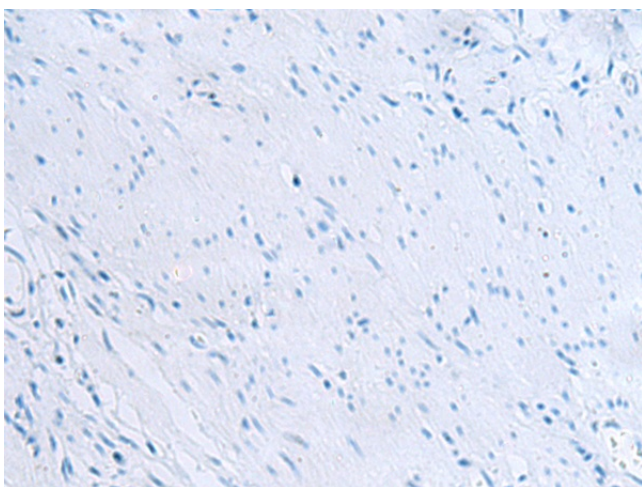
## Product images:



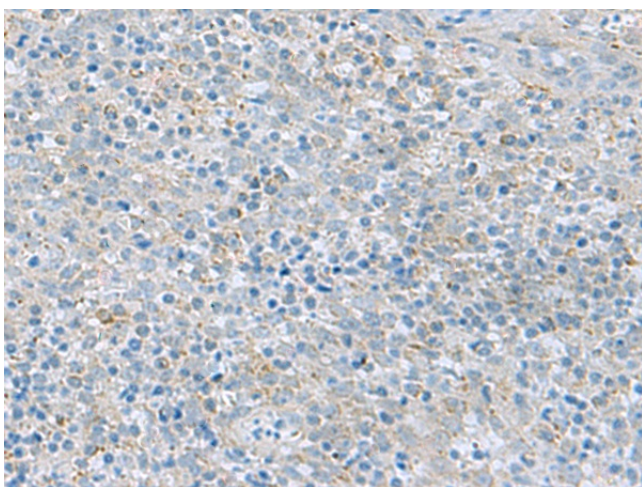
Gel: 8%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane 1-3: 293T  
HepG2 and K562 cell lysates  
Primary antibody: TA370838 (PYCR2 Antibody) at dilution 1/800  
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution  
Exposure time: 20 seconds



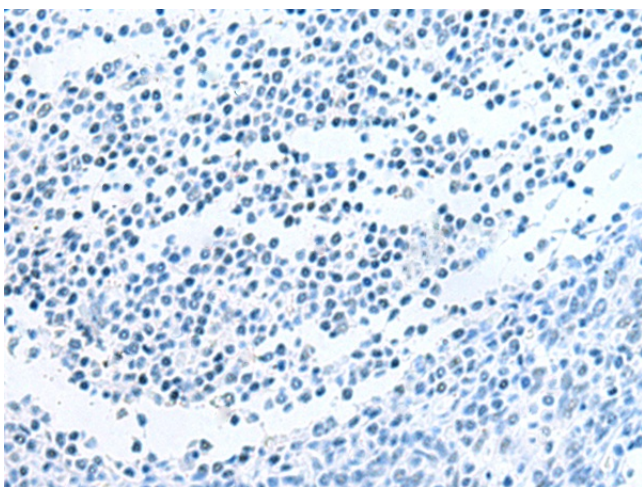
Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA370838 (PYCR2 Antibody) at dilution 1/40 (Original magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA370838 (PYCR2 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA370838 (PYCR2 Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA370838 (PYCR2 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: ×200)