

## Product datasheet for **TA386921**

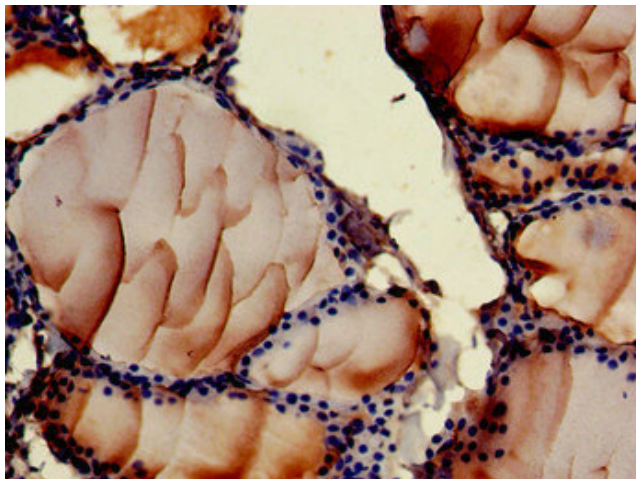
### ASTN2 Rabbit Polyclonal Antibody

#### Product data:

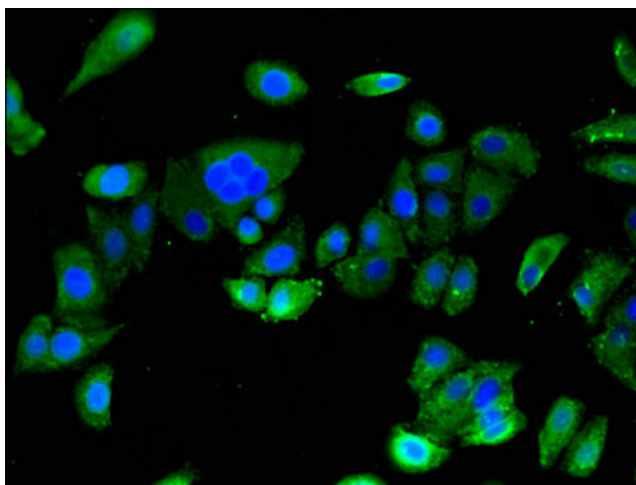
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant Human Astrotactin-2 protein (108-272AA)
Formulation:	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Concentration:	lot specific
Purification:	>95%, Protein G purified
Conjugation:	Unconjugated
Storage:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Stability:	1 year from dispatch.
Database Link:	<a href="#">O75129</a>
Background:	Mediates recycling of the neuronal cell adhesion molecule ASTN1 to the anterior pole of the cell membrane in migrating neurons. Promotes ASTN1 internalization and intracellular transport of endocytosed ASTN1 (By similarity). Selectively binds inositol-4,5-bisphosphate, inositol-3,4,5-trisphosphate and inositol-1,3,4,5-tetrakisphosphate, suggesting it is recruited to membranes that contain lipids with a phosphoinositide headgroup (Ref.6).



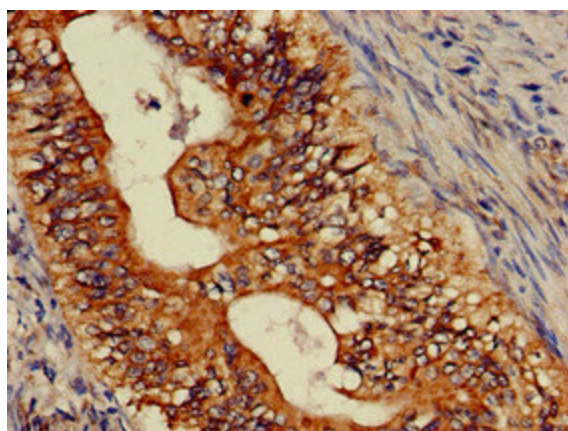
[View online »](#)

**Product images:**

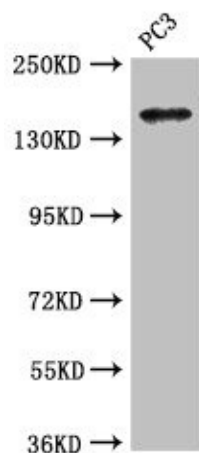
Immunohistochemistry of paraffin-embedded human thyroid tissue using TA386921 at dilution of 1:100



Immunofluorescent analysis of HepG2 cells using TA386921 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry of paraffin-embedded human colon cancer using TA386921 at dilution of 1:100



Western Blot  
 Positive WB detected in: PC-3 whole cell lysate  
 All lanes: ASTN2 antibody at 3.4µg/ml  
 Secondary  
 Goat polyclonal to rabbit IgG at 1/50000 dilution  
 Predicted band size: 149, 143, 148, 50, 45 kDa  
 Observed band size: 149 kDa