

## Product datasheet for **TA388298M**

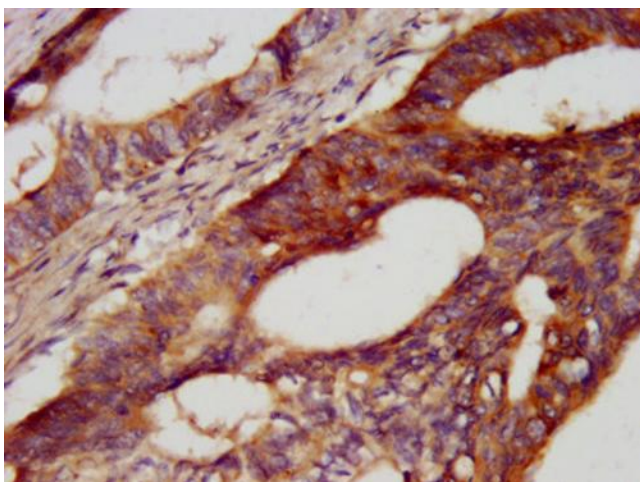
### CDH7 Rabbit Polyclonal Antibody

#### Product data:

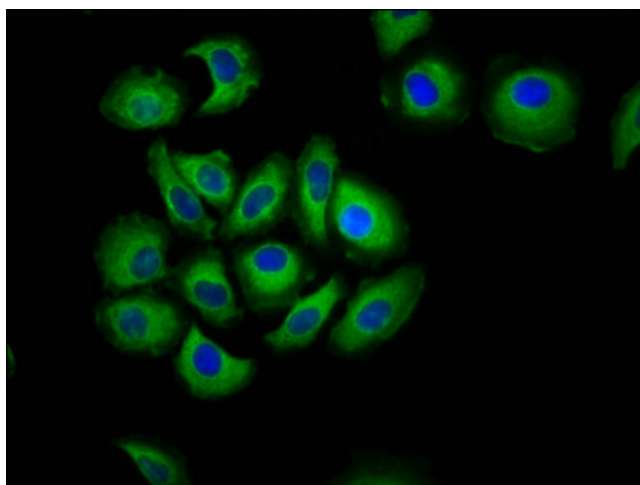
|                       |                                                                                                                                                                                                                            |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:         | Primary Antibodies                                                                                                                                                                                                         |
| Applications:         | IF, IHC, WB                                                                                                                                                                                                                |
| Recommended Dilution: | Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500, IF:1:50-1:200                                                                                                                                                      |
| Reactivity:           | Human                                                                                                                                                                                                                      |
| Host:                 | Rabbit                                                                                                                                                                                                                     |
| Isotype:              | IgG                                                                                                                                                                                                                        |
| Clonality:            | Polyclonal                                                                                                                                                                                                                 |
| Immunogen:            | Recombinant Human Cadherin-7 protein (146-296AA)                                                                                                                                                                           |
| Formulation:          | Preservative: 0.03% Proclin 300<br>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="#">Q9ULB5</a>                                                                                                                                                                                                     |
| Background:           | Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. |



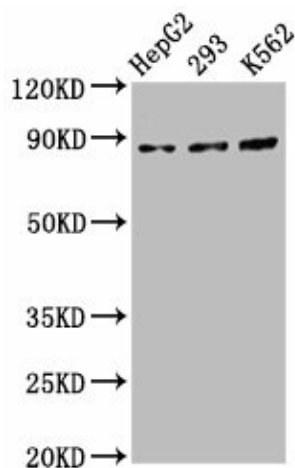
[View online »](#)

**Product images:**

IHC image of [TA388298] diluted at 1:400 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence staining of A549 cells with [TA388298] at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



#### Western Blot

Positive WB detected in: HepG2 whole cell lysate, 293 whole cell lysate, K562 whole cell lysate

All lanes: CDH7 antibody at 5.5µg/ml

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 88 kDa

Observed band size: 88 kDa