

## Product datasheet for **TA350055**

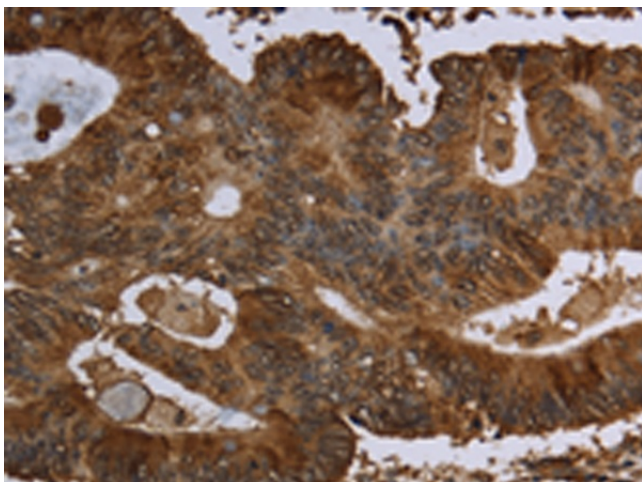
### Prostaglandin dehydrogenase 1 (HPGD) Rabbit Polyclonal Antibody

#### Product data:

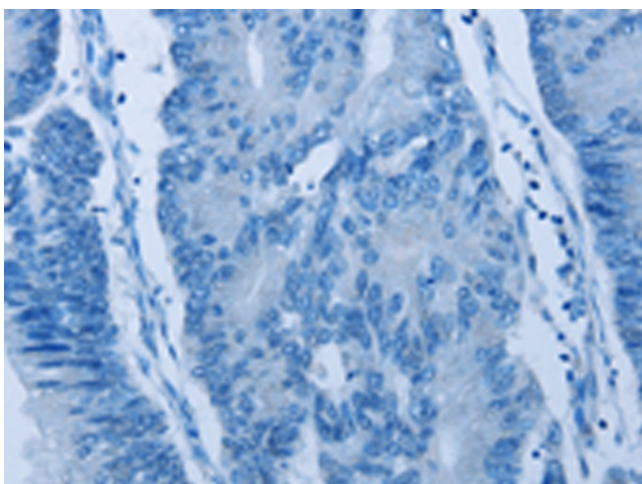
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human colon cancer Predicted cell location: Cytoplasm and Nucleus
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human HPGD
Formulation:	pH7.4 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.
Gene Name:	hydroxyprostaglandin dehydrogenase 15-(NAD)
Database Link:	<a href="#">NP_000851</a> <a href="#">Entrez Gene 3248 Human</a> <a href="#">P15428</a>
Background:	This gene encodes a member of the short-chain nonmetalloenzyme alcohol dehydrogenase protein family. The encoded enzyme is responsible for the metabolism of prostaglandins, which function in a variety of physiologic and cellular processes such as inflammation. Mutations in this gene result in primary autosomal recessive hypertrophic osteoarthropathy and cranioosteoarthropathy. Multiple transcript variants encoding different isoforms have been found for this gene.
Synonyms:	15-PGDH; PGDH; PGDH1; PHOAR1; SDR36C1
Protein Families:	Druggable Genome



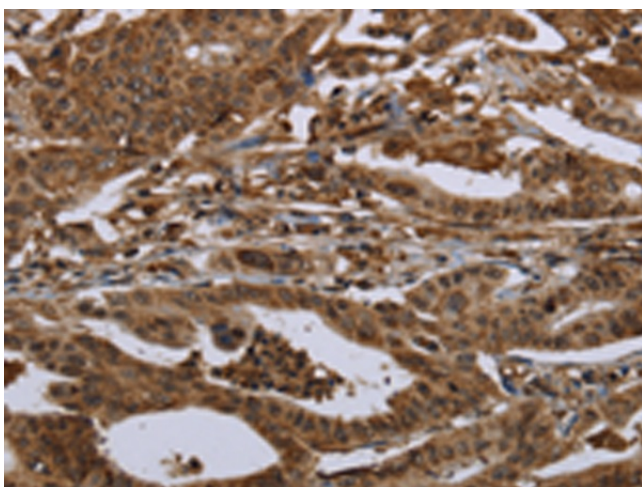
[View online »](#)

**Product images:**

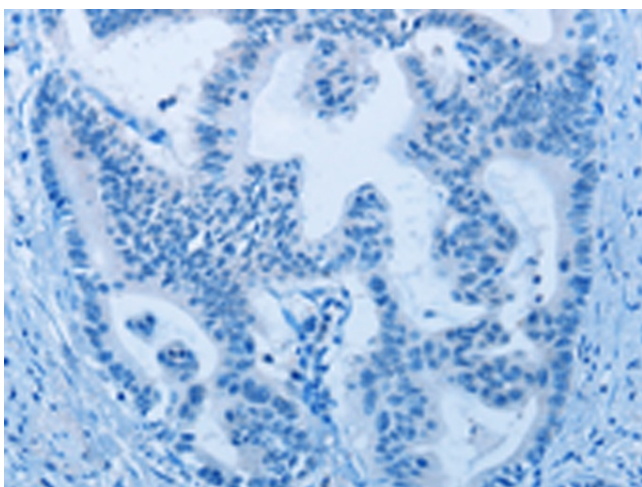
Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA350055 (HPGD Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA350055 (HPGD Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA350055 (HPGD Antibody) at dilution 1/30 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA350055 (HPGD Antibody) at dilution 1/30, treated with fusion protein. (Original magnification:  $\times 200$ )