

Product datasheet for **TA370965**

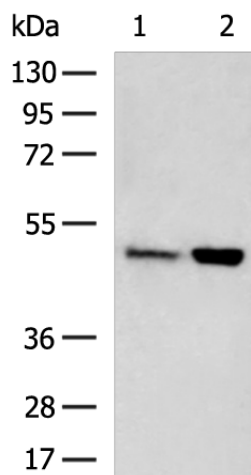
HGD Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: A549 and HepG2 cell lysates IHC: 50-200 Positive control: Human prostate cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human HGD
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	50 kDa
Gene Name:	homogentisate 1,2-dioxygenase
Database Link:	Entrez Gene 3081 Human Q93099
Background:	This gene encodes the enzyme homogentisate 1,2 dioxygenase. This enzyme is involved in the catabolism of the amino acids tyrosine and phenylalanine. Mutations in this gene are the cause of the autosomal recessive metabolism disorder alkaptonuria.
Synonyms:	AKU; FLJ94126; HGO; homogentisicase



[View online »](#)

Product images:

Gel: 8%SDS-PAGE

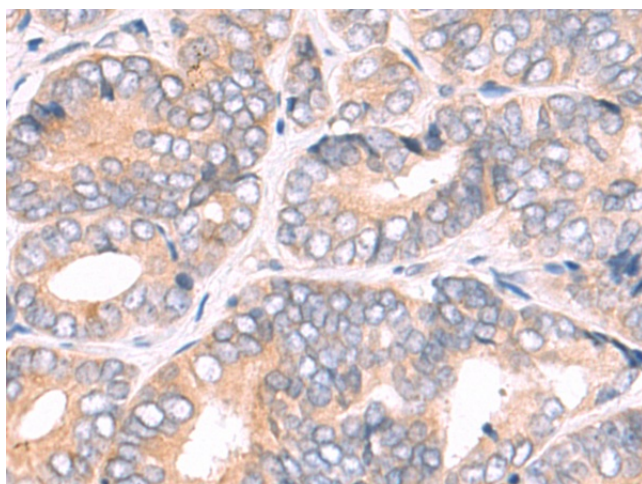
Lysate: 40 μ g

Lane 1-2: A549 and HepG2 cell lysates

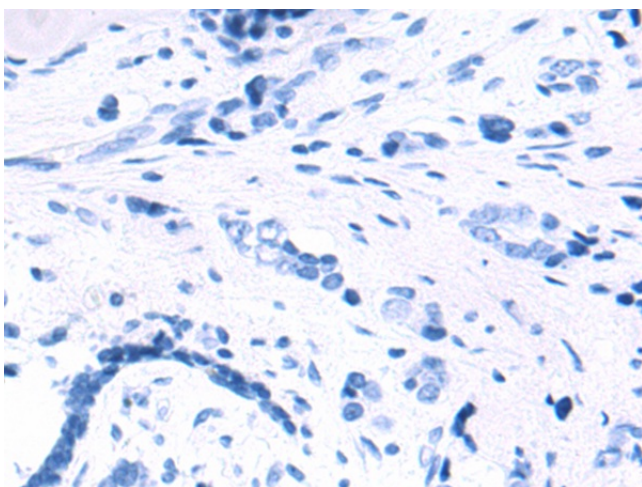
Primary antibody: TA370965 (HGD Antibody) at dilution 1/1000

Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution

Exposure time: 20 seconds



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TA370965 (HGD Antibody) at dilution 1/90 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TA370965 (HGD Antibody) at dilution 1/90, treated with fusion protein. (Original magnification: ×200)