

## Immunotag™ HDGF Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT5974
Product Description	Immunotag™ HDGF Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	HDGF
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	IHC-p,ELISA
Recommended Dilution	IHC-p 1:50-200, ELISA 1:10000-20000
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	Synthetic peptide from human protein at AA range: 141-190
Specificity	The antibody detects endogenous HDGF
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	HDGF HMG1L2
Accession No.	P51858 P51859
Alternate Names	Hepatoma-derived growth factor (HDGF) (High mobility group protein 1-like 2) (HMG-1L2)

## Antibody Specification

Description	hepatoma-derived growth factor(HDGF) Homo sapiens This gene encodes a member of the hepatoma-derived growth factor family. The encoded protein has mitogenic and DNA-binding activity and may play a role in cellular proliferation and differentiation. High levels of expression of this gene enhance the growth of many tumors. This gene was thought initially to be located on chromosome X; however, that location has been determined to correspond to a related pseudogene. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Jan 2016],
Protein Expression	Brain,Epithelium,Hepatoma,Liver,Pituitary,Platelet,
Subcellular Localization	extracellular space,nucleoplasm,cytoplasm,transcriptional repressor complex,
Protein Function	domain:The PWWP domain harbors the heparin-binding sites and is responsible for DNA-binding, while the C-terminal region is essentially unstructured.,function:Heparin-binding protein, with mitogenic activity for fibroblasts. Acts as a transcriptional repressor.,PTM:Sumoylated by SUMO1. Sumoylation prevents binding to chromatin.,similarity:Belongs to the HDGF family.,similarity:Contains 1 PWWP domain.,subunit:Monomer, and domain-swapped homodimer.,tissue specificity:Ubiquitous.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.