

Rabbit anti-Human HDGFRP2 Polyclonal Antibody | anti-HDGFL2 antibody

Anti-HDGFRP2 Antibody, Rabbit Polyclonal

CATALOG # AAA254892	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunocytochemistry, Immunohistochemistry
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PRODUCT SYNONYMS

HDGFRP2; Polyclonal Antibody; Anti-HDGFRP2 Antibody; Rabbit Polyclonal; HDGFRP2 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-HDGF-2 Antibody; Anti-HDGF2 Antibody; Anti-HRP-2 Antibody; Anti-HRP2 Antibody; Anti-NM_001001520.2 Antibody; Anti-UNQ785/PRO1604 Antibody; anti-HDGFL2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human HDGFRP2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-HDGFL2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human HDGFRP2
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human HDGFRP2, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HDGFRP2 in U2OS cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human HDGFRP2 polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus.



IHC (Immunohistochemistry)

Immunochemical staining of human HDGFRP2 in human stomach with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human HDGFRP2 in human rectum with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-HDGFL2 antibody	THE hepatoma-derived growth factor like (HDGFL) protein family consists of six members including HDGF, HDGFL1-3, LEDGF/p75, and LEDGF/p52. The PWWP domain is the most conserved element among HDGFL family members. LEDGF/p52 is also expressed from the PSIP1 gene, but this splice variant lacks the IBD and hence does not bind HIV-1 IN. Hepatoma-derived Growth Factor LIKE 2 (HDGFL2) is the only HDGFL family member that in addition to LEDGF/p75 possesses a functional IBD. Human HDGFL2 (also known as HDGFRP2) protein, has an N-terminal PWWP domain, a central AT hook-like motif, and C-terminal integrase-binding domain. HDGFL2 binds to histones associated with transcriptionally silent genes and recruits factors involved in homologous recombination repair to sites of DNA damage.
References	Wu H, et al. (2011) Structural and histone binding ability characterizations of human pwwp domains. PLoS One 6 (6): e18919. Baude A, et al. (2016) Hepatoma-derived growth factor-related protein 2 promotes DNA repair by homologous recombination. Nucleic Acids Res 44 (5): 2214-2226.

NCBI AND UNIPROT INFORMATION

NCBI GI #	48255931
NCBI GeneID	84717
NCBI Accession #	EAW69215
NCBI GenBank Nucleotide #	NM_001001520.2
UniProt Accession #	Q7Z4V5; Q96GI5; Q9BW08; I3L080; K7EQZ6
Molecular Weight	74,729 Da
NCBI Official Full Name	hepatoma-derived growth factor-related protein 2 isoform 1
NCBI Official Symbol	HDGFRP2
NCBI Official Synonym Symbols	HDGF2; HRP-2; HDGF-2
NCBI Protein Information	hepatoma-derived growth factor-related protein 2
UniProt Protein Name	Hepatoma-derived growth factor-related protein 2
UniProt Gene Name	HDGFRP2
UniProt Synonym Gene Names	HDGF2; HRP-2; HDGF-2
UniProt Entry Name	HDGR2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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