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Product Data Sheet

Anti-HDGF Antibody

Catalog #	Source	Reactivity	Applications
CQA2001	Rabbit	H	WB, IH, IF/IC, IP

Description	Rabbit polyclonal antibody to HDGF
Immunogen	Recombinant full length protein of human HDGF
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of HDGF protein.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/2000), IH (1/50 - 1/200), IF/IC (1/50 - 1/200), IP (1/20 - 1/50)
Gene Symbol	HDGF
Alternative Names	HMG1L2; Hepatoma-derived growth factor; HDGF; High mobility group protein 1-like 2; HMG-1L2
Entrez Gene	3068 (Human)
SwissProt	P51858 (Human)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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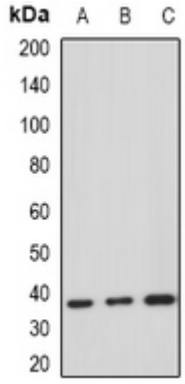
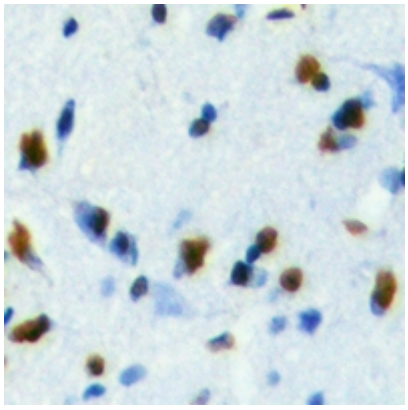
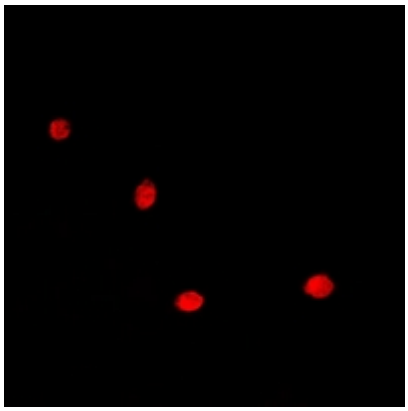


Western blot analysis of HDGF expression in Hela (A), A549 (B), MCF7 (C) whole cell lysates. (Predicted band size: 25; 26; 28 kD; Observed band size: 37 kD)



Immunohistochemical analysis of HDGF staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of HDGF staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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