

HGS Polyclonal Antibody

| Product Details | |
|--------------------|--|
| Size | 100 µL |
| Species Reactivity | Human, Mouse, Rat |
| Published Species | Human |
| Host/Isotype | Rabbit / IgG |
| Class | Polyclonal |
| Type | Antibody |
| Conjugate | Unconjugated |
| Immunogen | Recombinant fragment corresponding to a region within amino acids 611 and 777 of Human HGS |
| Form | Liquid |
| Concentration | 1 mg/mL |
| Purification | Antigen affinity chromatography |
| Storage buffer | 0.1M tris glycine, pH 7, with 10% glycerol |
| Contains | 0.01% thimerosal |
| Storage conditions | Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. |
| RRID | AB_2544967 |

| Applications | Tested Dilution | Publications |
|---|------------------|---------------|
| Western Blot (WB) | 1:1,000-1:10,000 | - |
| Immunohistochemistry (Paraffin) (IHC (P)) | 1:100-1:1,000 | - |
| Immunocytochemistry (ICC/IF) | 1:100-1:1,000 | 1 Publication |

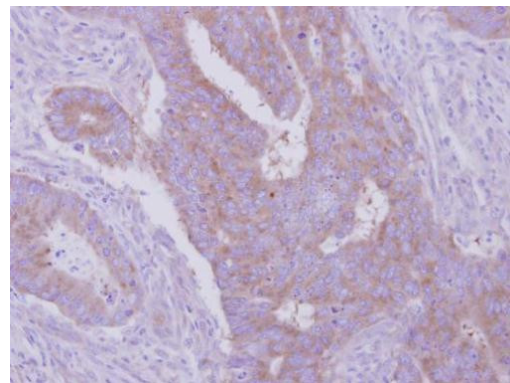
Product Specific Information

Recommended positive controls: H1299, HeLa, mouse brain, rat brain.

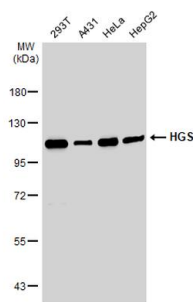
Predicted reactivity: Mouse (85%), Rat (82%), Dog (92%), Rhesus Monkey (98%), Bovine (89%).

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

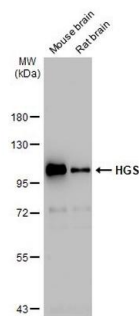
Product Images For HGS Polyclonal Antibody



HGS Antibody (PA5-27491) in IHC (P)
Immunohistochemical analysis of paraffin-embedded human colon carcinoma, using HGS (Product # PA5-27491) antibody at 1:500 dilution. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.



HGS Antibody (PA5-27491) in WB
Western Blot using HGS Polyclonal Antibody (Product # PA5-27491). Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with HGS Polyclonal Antibody (Product # PA5-27491) diluted at 1:1,000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



HGS Antibody (PA5-27491) in WB
Western Blot using HGS Polyclonal Antibody (Product # PA5-27491). Various tissue extracts (50 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with HGS Polyclonal Antibody (Product # PA5-27491) diluted at 1:1,000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.

1 Reference

Immunocytochemistry (1)

| | | |
|---|--|------------------|
| The Journal of biological chemistry | | Year 2020 |
| Host ESCRT factors are recruited during chikungunya virus infection and are required for the intracellular viral replication cycle. | | |
| "PA5-27491 was used in Immunocytochemistry-immunoflourescence to conclude that during CHIKV infection, several ESCRT factors are recruited via HGS and are involved in viral genome replication and post-translational processing of viral proteins." | | |
| Authors: Torii S,Orba Y,Sasaki M,Tabata K,Wada Y,Carr M,Hobson-Peters J,Hall RA,Takada A,Fukuhara T,Matsuura Y, Hall WW,Sawa H | | Species Human |

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