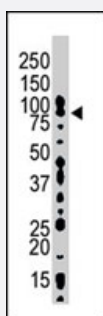


HGS polyclonal antibody

Catalog # PAB4227

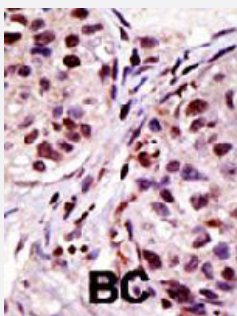
Size 400 uL

Applications



Western Blot (Cell lysate)

The HGS polyclonal antibody (Cat # PAB4227) is used in Western blot to detect HGS in HL-60 cell lysate .



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with HGS polyclonal antibody (Cat # PAB4227) , which was peroxidase-conjugated to the secondary antibody, followed by AEC staining . This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated . BC = breast carcinoma .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of HGS.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human HGS.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification

Recommend Usage	ELISA (1:1000) Western Blot (1:100-500) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

The HGS polyclonal antibody (Cat # PAB4227) is used in Western blot to detect HGS in HL-60 cell lysate .

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with HGS polyclonal antibody (Cat # PAB4227) , which was peroxidase-conjugated to the secondary antibody, followed by AEC staining . This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated . BC = breast carcinoma .

- Enzyme-linked Immunoabsorbent Assay

Gene Info — HGS

Entrez GeneID	9146
Protein Accession#	NP_004703.O14964
Gene Name	HGS
Gene Alias	HRS, ZFYVE8
Gene Description	hepatocyte growth factor-regulated tyrosine kinase substrate
Omim ID	604375
Gene Ontology	Hyperlink
Other Designations	human growth factor-regulated tyrosine kinase substrate

Publication Reference

- [GRIF1 binds Hrs and is a new regulator of endosomal trafficking.](#)

Kirk E, Chin LS, Li L.

Journal of Cell Science 2006 Nov; 119(Pt 22):4689.

Application: IF, Rat, HeLa, PC-12 cells

- [Involvement of Hgs/Hrs in signaling for cytokine-mediated c-fos induction through interaction with TAK1 and Pak1.](#)

Sasaki Y, Sugamura K.

The Journal of Biological Chemistry 2001 Aug; 276(32):29943.

Application: IP-WB, WB-Tr, Human, Mouse, Ba/3-tTA, 293T cells

- [Hgs \(Hrs\), a FYVE domain protein, is involved in Smad signaling through cooperation with SARA.](#)

Miura S, Takeshita T, Asao H, Kimura Y, Murata K, Sasaki Y, Hanai JI, Beppu H, Tsukazaki T, Wrana JL, Miyazono K, Sugamura K.

Molecular and Cellular Biology 2000 Dec; 20(24):9346.

Application: IP-WB, WB-Tr, Human, Monkey, 293T, COS-7 cells

Pathway

- [Endocytosis](#)

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)