



Anti-HSPA5 (full length) polyclonal antibody (DPABH-26051)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Probably plays a role in facilitating the assembly of multimeric protein complexes inside the ER.
Immunogen	Recombinant full length Human GRP78 BiP (His tagged at the N terminus).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Dog, Human
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ICC/IF, WB, ELISA, IHC-P
Format	Liquid
Size	100 µg
Buffer	Constituents: 50% Glycerol, PBS
Preservative	0.09% Sodium Azide
Storage	Store at -20°C. Stable for 12 months at -20°C

GENE INFORMATION

Gene Name [HSPA5 heat shock 70kDa protein 5 \(glucose-regulated protein, 79kDa\) \[Homo sapiens \]](#)

Official Symbol	HSPA5
Synonyms	HSPA5; heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa); BIP; MIF2; GRP78; HEL-S-89n; 78 kDa glucose-regulated protein; immunoglobulin heavy chain-binding protein; epididymis secretory sperm binding protein Li 89n; endoplasmic reticulum lumenal Ca(2+)-binding protein grp78;
Entrez Gene ID	3309
Protein Refseq	NP_005338.1
UniProt ID	P11021
Pathway	ATF6-alpha activates chaperone genes; Adaptive Immune System; Antigen processing and presentation; Class I MHC mediated antigen processing & presentation
Function	ATP binding; ATPase activity; calcium ion binding; chaperone binding