



Anti-HSPA4 polyclonal antibody (DPAB-DC683)

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

PRODUCT INFORMATION

Antigen Description	HSPA4 (heat shock 70kDa protein 4) is a protein-coding gene. Diseases associated with HSPA4 include autoimmune inner ear disease, and chronic cervicitis, and among its related super-pathways are Proteolysis Role of Parkin in the Ubiquitin-Proteasomal Pathway and Mechanisms of CFTR activation by S-nitrosoglutathione (normal and CF). GO annotations related to this gene include ATP binding. An important paralog of this gene is HYOU1.
Specificity	Specific to recombinant protein GX0631. This antibody detects endogenous mHSPA4 protein in several cell types. It also recognizes human HSPA4 protein.
Immunogen	Recombinant GST fusion protein corresponding to 92 mouse Hspa4. The sequence is LNLQNKQSLTVDPVVKTKEIEAKIKELTSICSPIISKPKPKVEPPKEEPKHAEQNGPVDG QGDNPGSQAAEHGADTAVPSDGDKKLPEMDID
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB,
Format	Liquid
Size	100 µg
Buffer	In PBS (50% glycerol, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Hspa4 heat shock protein 4 [Mus musculus (house mouse)]
Official Symbol	HSPA4
Synonyms	HSPA4; heat shock protein 4; 70kDa; APG-2; Hsp110; Hsp70RY; AI317151; mKIAA4025; heat shock 70 kDa protein 4; heat shock protein, 110 kDa; heat shock 70-related protein APG-2;
Entrez Gene ID	15525
Protein Refseq	NP_032326
UniProt ID	Q3U2G2
Chromosome Location	11 B1.3; 11 31.91 cM
Pathway	Antigen processing and presentation.
Function	ATP binding; RNA polymerase II transcription factor binding; activating transcription factor binding; nucleotide binding