



Rabbit Anti-Human HSPA9 polyclonal antibody (DCABH-2190)

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

PRODUCT INFORMATION

Specificity	This antibody may react with (Predicted by homology) : Bovine, Mouse, Rabbit, Rat
Target	HSPA9
Immunogen	Synthetic peptide corresponding to aa 661-679 of human GRP75 protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunoaffinity purified
Conjugate	Unconjugated
Applications	IHC-P
Molecular Weight	75 kDa
Cellular Localization	Cytoplasm
Positive Control	Colon Carcinoma
Format	Liquid
Buffer	PBS, 1% BSA, pH 7.6
Preservative	< 0.1% Sodium Azide
Storage	2-8°C. Do not freeze. The user must validate any other storage conditions. When properly

stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.

BACKGROUND

Introduction

The HSP70 family is composed of four highly conserved proteins: HSP70, HSC70, GRP75 and GRP78. These proteins serve a variety of roles. GRP75 expression is restricted to the mitochondrial matrix and aids in the translocation and folding of nascent polypeptide chains of both nuclear and mitochondrial origin. GRP75 and GRP78 are unresponsive to heat stress and are induced by glucose deprivation.

Keywords

HSPA9;heat shock 70kDa protein 9 (mortalin) ;CSA;MOT;MOT2;GRP75;PBP74;GRP-75;HSPA9B;MTHSP75

GENE INFORMATION

Entrez Gene ID

[3313](#)

UniProt ID

[P38646](#)
