



Anti-KPNA3 (aa 422-521) polyclonal antibody (DPAB-DC1797)

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

PRODUCT INFORMATION

Antigen Description	The transport of molecules between the nucleus and the cytoplasm in eukaryotic cells is mediated by the nuclear pore complex (NPC), which consists of 60-100 proteins. Small molecules (up to 70 kD) can pass through the nuclear pore by nonselective diffusion while larger molecules are transported by an active process. The protein encoded by this gene belongs to the importin alpha family, and is involved in nuclear protein import.
Immunogen	KPNA3 (NP_002258, 422 a.a. ~ 521 a.a) partial recombinant protein with GST tag. The sequence is VKDSQVVQVVDGLKNILIMAGDEASTIAEIIIECGGLEKIEVLQQHENEDIYKLAFEII DQYFSGDDIDEDPCLIP EATQGGTYNFDPTANLQTKEFNF
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	KPNA3 karyopherin alpha 3 (importin alpha 4) [Homo sapiens (human)]
Official Symbol	KPNA3
Synonyms	KPNA3; karyopherin alpha 3 (importin alpha 4); SRP1; SRP4; IPOA4; hSRP1; SRP1gamma; importin subunit alpha-4; qip2; SRP1-gamma; importin alpha 4; importin alpha-3; importin alpha Q2; importin-alpha-Q2; importin subunit alpha-3; karyopherin subunit alpha-3;
Entrez Gene ID	3839
Protein Refseq	NP_002258
UniProt ID	A0A024RDV7
Chromosome Location	13q14.3
Pathway	Antiviral mechanism by IFN-stimulated genes; ISG15 antiviral mechanism; Interferon Signaling;
Function	nuclear localization sequence binding; protein C-terminus binding; protein binding; protein transporter activity