

## Product datasheet for **TA590118**

### KPNA5 Rabbit Polyclonal Antibody

#### Product data:

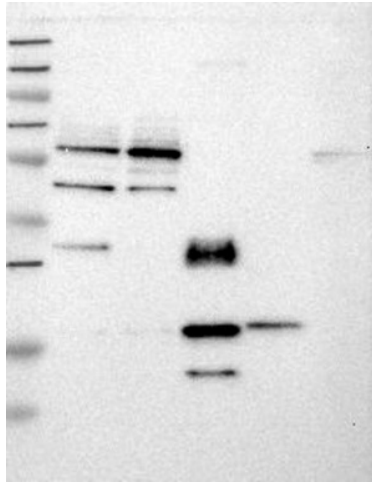
Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	WB: 1:500; ELISA: 1:100-1:2000; IHC: 1:300; IF: 1:75
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	DNA immunization. This antibody is specific for the N Terminus Region of the target protein.
Formulation:	20 mM Potassium Phosphate, 150 mM Sodium Chloride, pH 7.0
Concentration:	0.92336 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	karyopherin subunit alpha 5
Database Link:	<a href="#">NP_002260</a> <a href="#">Entrez Gene 3841 Human</a> <a href="#">Q15131</a>
Background:	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 and is probably 120 million daltons in molecular size. Small molecules (up to 70 kD) can pass through the nuclear pore by nonselective diffusion; larger molecules are transported by an active process. Most nuclear proteins contain short basic amino acid sequences known as nuclear localization signals (NLSs). KPNA5 protein belongs to the importin alpha protein family and is thought to be involved in NLS-dependent protein import into the nucleus.
Synonyms:	IPOA6; SRP6



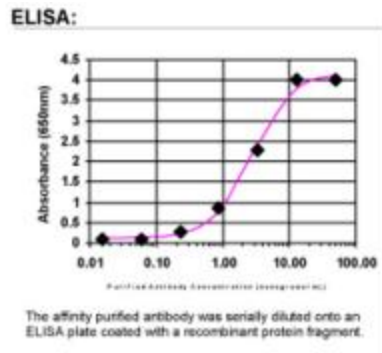
[View online »](#)

**Note:** This antibody was generated by SDIX's Genomic Antibody Technology® (GAT). [Learn about GAT](#)

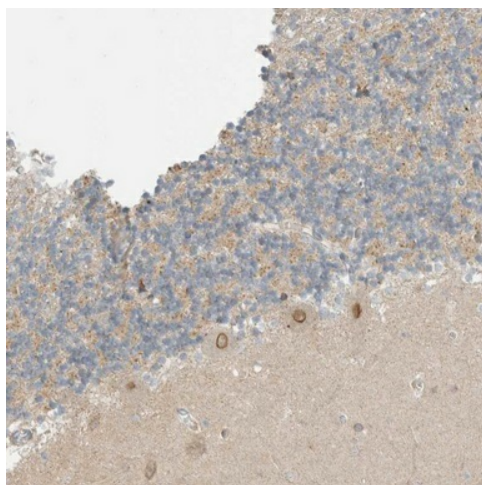
**Product images:**



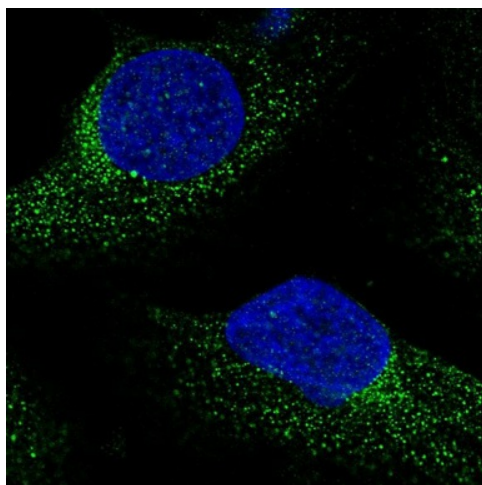
Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 11; Lane 2: RT-4; Lane 3: U-251 MG; Lane 4: Human Plasma; Lane 5: Liver; Lane 6: Tonsil. This validation was performed by Protein Atlas and the presentation of data is for informational purposes only.



ELISA: KPNA5 Antibody



Immunohistochemical staining of human cerebellum shows distinct nuclear membrane positivity in Purkinje cells. This validation was performed by Protein Atlas and the presentation of data is for informational purposes only.



Immunofluorescent staining of human cell line U-2 OS shows positivity in cytoplasm. This validation was performed by Protein Atlas and the presentation of data is for informational purposes only.