Anti-Importin α3 / KPNA4/Qip1 antibody, rat monoclonal (3D10)

Product code	70-325
Size	200 μg
Storage	-20℃
Concentration	1.0 mg/ml
Buffer	PBS- with 50% glycerol
Purity	Purified IgG fraction with protein A from hybridoma cell culture medium.
Immunogen	Recombinant mouse importin α3 /KPNA4/ Qip 1 (full length)
Isotype	Rat IgG2aκ
Reactivity	Human, simian, mouse, rat, hamster, canine and bovine importin α3. This antibody doesn't recognize other importin α family including α4.
Special notes	N/A
Application	1. Western blotting (250~500 fold dilution) 2. 2. ELISA 3. This antibody doesn't work for immunostaining and immunoprecipitation.
Background	Importin α proteins play a pivotal role in the import of proteins from the cytoplasm to the nucleus. Importinα proteins shuttle between nucleus and cytoplasm, bind nuclear localization signal (NLS)-bearing proteins, and mediate the protein import into the nucleus with importin β. Several importin α isotypes have been identified, each exhibiting differential recognition and nuclear transport, probably via preferential binding to a particular NLS. The **importin α3 (KPNA4, Qip1)** is a member of the importin α family of proteins belonging to the Qip1 subfamily. The antibody was purified from the serum-free cultured medium of the hybridoma under mild conditions by proprietary chromatography processes.
Data Link	uniprot/O35343 mouse importin α3
Please note: All products are FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES. NOT FOR MILITARY USE.	

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Data Images: 70-325 Anti- Importin α 3 / KPNA4/Qip1 antibody, rat monoclonal (3D10)

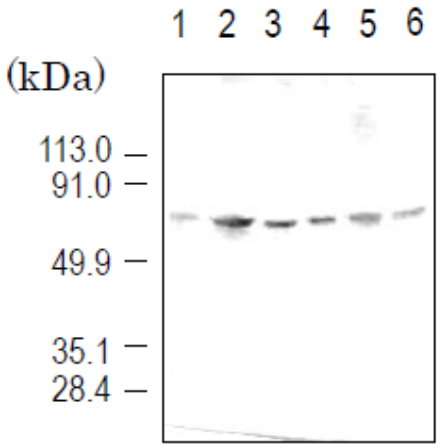


Fig.1 Detection of importin α3 (58 kD) by Western blotting using the antibody 3D10.
Sample is the total cell extract.
lane1: HeLa (human)
lane2: COS7 (simian)
lane3: L929 (mouse)
lane4: NRK (rat)
lane5: BHK (hamster)
lane6: MDBK (bovine)

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