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Datasheet for ABIN7453529

anti-Importin 4 antibody (AA 350-400)

Overview

Quantity:	100 µg
Target:	Importin 4 (IPO4)
Binding Specificity:	AA 350-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Importin 4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-Importin 4 Antibody, Affinity Purified
Immunogen:	between AA 350 and 400
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	Importin 4 (IPO4)
Alternative Name:	Importin 4 (IPO4 Products)
Background:	Background: Importin 4 mediates the nuclear import of RPS3A. In vitro, it mediates the nuclear

Target Details

	import of human cytomegalovirus UL84 by recognizing a non-classical NLS. Additionally, along with importin 7, importin 4 has been shown to be involved in nuclear import of HIF-1alpha [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q8TEX9].
Gene ID:	79711
NCBI Accession:	NP_078934
UniProt:	Q8TEX9
Pathways:	Protein targeting to Nucleus

Application Details

Application Notes:	IHC: 1:1,000 - 1:5,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IP: 5 - 15 µg/mg lysate WB: Not recommended. ABIN7453529 has not performed satisfactorily when used for WB of Importin 4 in crude preparations (e.g. whole cell lysate). This antibody can be used for WB of enriched (e.g. immunoprecipitated) sources of Importin 4.
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Expiry Date:	12 months