

Product Datasheet

Importin-7 Antibody NBP2-27150

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 2

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NBP2-27150**Importin-7 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS and 0.05% BSA

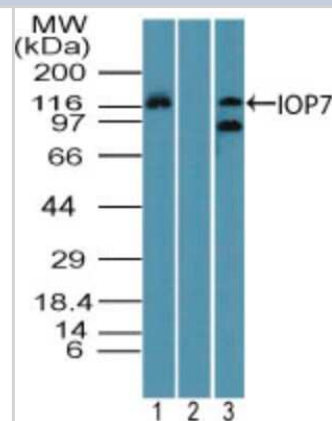
Product Description	
Description	Novus Biologicals Rabbit Importin-7 Antibody (NBP2-27150) is a polyclonal antibody validated for use in IHC and WB. Anti-Importin-7 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10527
Gene Symbol	IPO7
Species	Human, Rat, Primate
Reactivity Notes	The amino acid sequence used as immunogen is 88% homologous in Xenopus. Primate reactivity reported in scientific literature (PMID: 24100013). Rat reactivity reported in scientific literature (PMID: 24184208).
Immunogen	A portion of amino acids 1-76 of human IOP7 was used as the immunogen.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, In vitro assay
Recommended Dilutions	Western Blot 1-3ug/ml~, Immunohistochemistry, Immunohistochemistry-Paraffin 5ug/ml, In vitro assay reported in scientific literature (PMID 24184208)

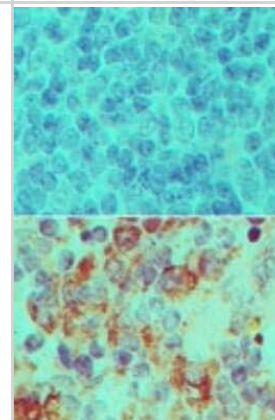


Images

Western Blot: Importin-7 Antibody [NBP2-27150] - Analysis of IOP7 in MCF7 cell lysate in the 1) absence and 2) presence of immunizing peptide, and 3) RAW cell lysate using this antibody. Goat anti-rabbit Ig HRP secondary antibody and PicoTect ECL substrate solution were used for this test.



Immunohistochemistry-Paraffin: Importin-7 Antibody [NBP2-27150] - Analysis of IOP7 in formalin-fixed, paraffin-embedded mouse spleen tissue using an isotype control (top) and this antibody (bottom) at 5 ug/ml.



Publications

Misheva M, Kaur G, Ngoei KR et al. Intracellular mobility and nuclear trafficking of the stress-activated kinase JNK1 are impeded by hyperosmotic stress. *Biochim. Biophys. Acta.* 2014-02-01 [PMID: 24184208] (In vitro, Rat)

Details:

Rat hepatoma cells, Fig 1D. The results showed that the Importin-7 pAb inhibited nuclear accumulation of p45 NF-E2 but not JNkalpha 1.

Ni L, Llewellyn R, Kesler CT et al. Androgen induces a switch from cytoplasmic retention to nuclear import of the androgen receptor. *Mol Cell Biol* 2013-12-01 [PMID: 24100013] (WB, African Green Monkey)



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Products Related to NBP2-27150

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-87880PEP	Importin-7 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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