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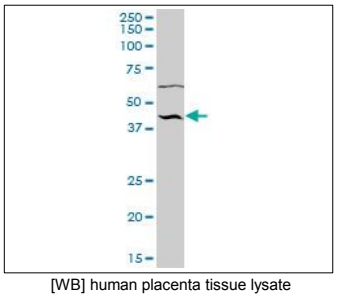
KB562

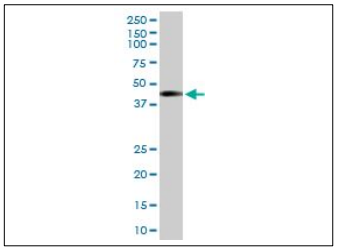
For research use only

Anti Human NUP43 Polyclonal Antibody

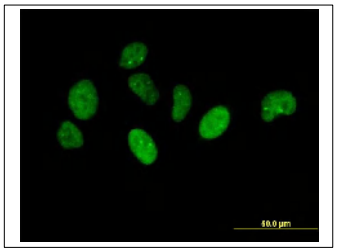
Code No.	KB562
Terget	NUP43
Category	Transporter
Gene ID	348995
Primary Source	HGNC:21182
Synonyms	p42; FLJ13287; bA350J20.1; NUP43
Type	Polyclonal Antibody
Immunogen	Recombinant protein of full length Human NUP43
Raised in	Mouse
Myeloma	-
Clone number	-
Purification	Protein A purified
Source	Mouse Serum
Isotype	-
Cross Reactivity	-
Label	Unlabeled
Concentration	0.5 mg/mL
Contents (Volume)	50 µg
Buffer	PBS, pH 7.2
Storage	Store at - 20℃ long term, store at 4℃ short term. Avoid repeated freeze-thaw cycles.
Application	WB,IF



[WB] human placenta tissue lysate



[WB] NUP43 transfected 293T cell lysate


[IF] HeLa cell

ELISA	WB	IHC	ICC
-	1.0	-	-
IP	FCM	IF	Neutralization
-	-	10	-

(µg/mL)

Reference

1. Cronshaw J.M., et al. "Proteomic analysis of the mammalian nuclear pore complex." J. Cell Biol. 158:915-927(2002)
2. Ota T., et al. "Complete sequencing and characterization of 21,243 full-length human cDNAs." Nat. Genet. 36:40-45(2004)
3. Loieodice I., et al. "The entire Nup107-160 complex, including three new members, is targeted as one entity to kinetochores in mitosis." Mol. Biol. Cell 15:3333-3344(2004)

UniPlot Summary

//Function: Component of the Nup107-160 subcomplex of the nuclear pore complex (NPC). The Nup107-160 subcomplex is required for the assembly of a functional NPC. The Nup107-160 subcomplex is also required for normal kinetochore microtubule attachment, mitotic progression and chromosome segregation.
//Subcellular location: Kinetochore. Nucleus › nuclear pore complex.
//Sequence similarities: Contains 6 WD repeats.

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