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Product datasheet for TA807567M

NUP43 Mouse Monoclonal Antibody [Clone ID: OTI6E11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI6E11
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-253 of human NUP43(NP_942590) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 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.
Predicted Protein Size:	42 kDa
Gene Name:	nucleoporin 43kDa
Database Link:	NP_942590 Entrez Gene 69912 MouseEntrez Gene 683983 RatEntrez Gene 348995 Human Q8NFH3
Background:	Bidirectional transport of macromolecules between the cytoplasm and nucleus occurs through nuclear pore complexes (NPCs) embedded in the nuclear envelope. NPCs are composed of subcomplexes, and NUP43 is part of one such subcomplex, Nup107-160 (Loiodice et al., 2004 [PubMed 15146057]). [supplied by OMIM, Mar
Synonyms:	bA350J20.1; p42

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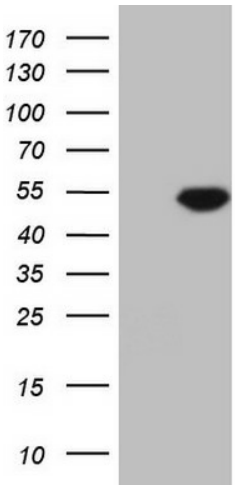
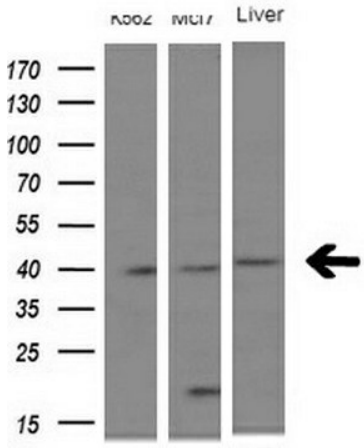
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NUP43 ([RC209014], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NUP43. Positive lysates [LY404768] (100ug) and [LC404768] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (10ug) from 2 different cell lines and 1 human tissue by using anti-NUP43 monoclonal antibody at 1:200 dilution.