Gene Section
Short Communication

RANBP2 (RAN binding protein)
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Identity
Other names: NUP358 (nucleoporin 358 kDa)
HGNC (Hugo): RANBP2
Location: 2q13

Protein
Description
3224 amino acids, 358 kDa; is composed, from N-term to C-term, of: a leucine -rich region with a leucine zipper, 4 RAN-binding domains, 8 Zn fingers, and an internal repeat region.

Function
Nuclear export transporter; bind RAN-GTP and exportin-1.

Implicated in
Inflammatory myofibroblastic tumors with t(2;2)(p23;q13)

Disease
Rare soft tissue tumour found in children and young adults.

Prognosis
Good prognosis.

Hybrid/Mutated gene
5' RANBP2 - 3' ALK.

References


This article should be referenced as such: