
Product Information

Product SKU:	CAB17106	Gene ID:	23189	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Mouse

Additional Information

Observed MW:	Refer to figures	Conjugate:	-
Calculated MW:	147kDa	Isotype:	IgG

Immunogen Information

Background:	The protein encoded by this gene belongs to the Kank family of proteins, which contain multiple ankyrin repeat domains. This family member functions in cytoskeleton formation by regulating actin polymerization. This gene is a candidate tumor suppressor for renal cell carcinoma. Mutations in this gene cause cerebral palsy spastic quadriplegic type 2, a central nervous system development disorder. A t(5;9) translocation results in fusion of the platelet-derived growth factor receptor beta gene (PDGFRB) on chromosome 5 with this gene in a myeloproliferative neoplasm featuring severe thrombocytopenia. Alternative splicing of this gene results in multiple transcript variants. A related pseudogene has been identified on chromosome 20.
Recommended Dilution:	IF/ICC, 1:50 - 1:200
Synonyms:	KANK; CPSQ2; ANKRD15; KANK1
Purification Method:	Affinity purification
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 900-1000 of human KANK1 (NP_055973.2).
Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.