

Catalog Number	A1487
Synonyms	GKAF; ZNF259
Reactivity	Human,Mouse
Tested applications	ELISA,WB,IHC-P
Host species	Rabbit
Background	The protein encoded by this gene is found in the cytoplasm of quiescent cells but translocates to the nucleolus in proliferating cells. The encoded protein interacts with survival motor neuron protein (SMN1) to enhance pre-mRNA splicing and to induce neuronal differentiation and axonal growth. Defects in this gene or the SMN1 gene can cause spinal muscular atrophy. Two transcript variants encoding different isoforms have been found for this gene.
Gene Id	8882
Isotype	IgG
Purity	Affinity purification
Swiss Prot	O75312
Recommended dilution	WB,1:500 - 1:1000 IHC-P,1:50 - 1:200
CALCULATED MW	51kDa
OBSERVED MW	51kDa
IMMUNOGEN	A synthetic peptide corresponding to a sequence within amino acids 360-459 of human ZNF259 (O75312).
POSITIVE SAMPLES	Mouse brain
CELLULAR LOCALIZATION	Cajal body,Cell projection,Cytoplasm,Nucleus,axon,gem,growth cone,nucleolus,perinuclear region,
STORAGE BUFFER	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

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