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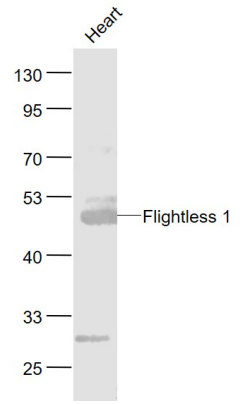
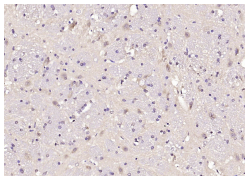
FLII Rabbit pAb

Catalog Number:	bs-7864R
Target Protein:	FLII
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)
Reactivity:	Mouse, Rat (predicted:Human, Rabbit, Pig, Cow, Chicken, Dog, Horse)
Predicted MW:	51 kDa
Entrez Gene:	2314
Swiss Prot:	Q13045
Source:	KLH conjugated synthetic peptide derived from human Flightless 1: 343-452/452.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	This gene encodes a protein with a gelsolin-like actin binding domain and an N-terminal leucine-rich repeat-protein protein interaction domain. The protein is similar to a Drosophila protein involved in early embryogenesis and the structural organization of indirect flight muscle. The gene is located within the Smith-Magenis syndrome region on chromosome 17. Mutations in this gene leads to abnormal muscle function, arrested development and embryonic lethality. The protein sequence shows that this might be a regulator of cytoskeleton and may have a role during cell division.

VALIDATION IMAGES



Sample: Heart (Mouse) Lysate at 40 ug Primary: Anti- Flightless 1 (bs-7864R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 51 kD Observed band size: 51 kD



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Flightless 1) Polyclonal Antibody, Unconjugated (bs-7864R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.