SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-IGFL4 antibody

Catalog Number: SL15572R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	IGFL4
Immunogen:	KLH conjugated synthetic peptide derived from human IGFL4: 51-124/124
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human
Predicted MW.:	12kDa
Subcellular Location:	Secretory protein
Background:	IGFL4 belongs to the insulin-like growth factor (IGF; see MIM 147440) family of signaling molecules that play critical roles in cellular energy metabolism and in growth and development, especially prenatal growth (Emtage et al., 2006 [PubMed 16890402]). **Subcellular Location:** Secreted (Potential). **Tissue Specificity:** Detected in the cerebellum. **Similarity:** Belongs to the IGFL family. **Database links:** **Entrez Gene:** 444882 Human Omim: 610547 Human **SwissProt:** Q6B9Z1 Human

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

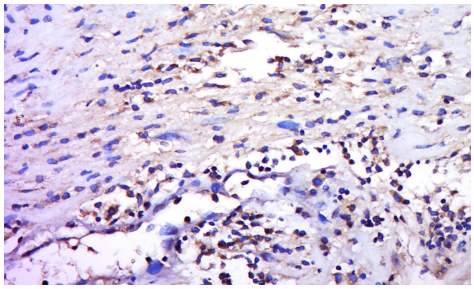
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[VALIDATION IMAGES]



Paraformaldehyde-fixed, paraffin embedded (Human cranial never schwannoma); 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 (IGF-like family member 4; IGFL4) Polyclonal Antibody, Unconjugated (SL15572R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

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