SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-GIPC3 antibody

Catalog Number: SL16246R

FOR RESEARCH USE ONLY

[DATASHEET]

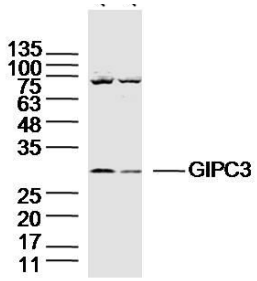
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	GIPC3
Immunogen:	KLH conjugated synthetic peptide derived from human GIPC3: 151-250/312
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human(predicted:Mouse,Rat,Dog,Cow)
Predicted MW.:	34kDa
Subcellular Location:	cytoplasmic
Background:	The protein encoded by this gene belongs to the GIPC family. Studies in mice suggest that this gene is required for postnatal maturation of the hair bundle and long-term survival of hair cells and spiral ganglion in the ear. Mutations in this gene are associated with autosomal recessive deafness. [provided by RefSeq, Dec 2011] **Function:** GIPC3 is widely expressed in adult and fetal tissues. Highest levels are found in jejunum, lymph node, parietal lobe, fetal spleen and fetal thymus. It is expressed in cervical, melanoma, chronic myelogenous and gastric cancer cell lines. **Tissue Specificity:** Widely expressed in adult and fetal tissues. Highest levels are found in jejunum, lymph node, parietal lobe, fetal spleen and fetal thymus. Expressed in cervical, melanoma, chronic myelogenous and gastric cancer cell lines. DISEASE: Deafness, autosomal recessive, 15 (DFNB15) [MIM:601869]: A form of non-syndromic sensorineural hearing loss with prelingual onset.

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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	Sensorineural deafness results from damage to the neural receptors of the inner ear, the nerve pathways to the brain, or the area of the brain that receives sound information. Note=The disease is caused by mutations affecting the gene represented in this entry. **Similarity:** Belongs to the GIPC family. Contains 1 PDZ (DHR) domain. **Database links:** **Entrez Gene:** 126326 Human Omim: 608792 Human **SwissProt:** Q8TF64 Human **Unigene:** 266873 Human

[VALIDATION IMAGES]



Sample:
K562 (Human)Cell Lysate at 40 ug
Hela(Human) Cell Lysate at 40 ug
Primary: Anti-GIPC3(SL16246R)at 1/300 dilution
Secondary: IRDye800CW Goat Anti-RabbitIgG at 1/20000 dilution
Predicted band size: 34kD
Observed band size: 30kD

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