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Rabbit Anti-GRXCR1 antibody

SL16329R

Product Name:	GRXCR1
Chinese Name:	GRXCR1蛋白抗体
Alias:	DFNB25; Glutaredoxin domain-containing cysteine-rich protein 1; Glutaredoxin, cysteine rich 1; GRCR1_HUMAN; Grxcr1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	32kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human GRXCR1:1-100/290
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene is one of 60 loci associated with autosomal-recessive nonsyndromic hearing impairment. This gene encodes a protein which contains GRX-like domains; these domains play a role in the S-glutathionylation of proteins and may be involved in actin organization in hair cells. [provided by RefSeq, Sep 2010] **Function:**

	Expressed at low levels in adult lung, brain and duodenum with moderate levels in testis. Highly expressed in fetal cochlea. **Subcellular Location:** Cell projection; stereocilium. Cell projection > microvillus. Cell projection; kinocilium. In the inner ear, localized to stereocilia, apical microvilli of sensory cells and kinocilia. **DISEASE:** Defects in GRXCR1 are the cause of deafness autosomal recessive type 25 (DFNB25) [MIM:613285]. DFNB25 is characterized by moderate to severe or profound hearing loss which is progressive in some individuals but not in others. Speech development is impaired in some but not all affected individuals and vestibular dysfunction is observed in some affected individuals. **Similarity:** Belongs to the GRXCR1 family. Contains 1 glutaredoxin domain. **SWISS:** A8MXD5 **Gene ID:** 389207 **Database links:** Entrez Gene: 389207 Human Omim: 613283 Human SwissProt: A8MXD5 Human Unigene: 162559 Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.