OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200
Rockville, MD 20850
UNITED STATES
Phone: +1-888-267-4436
Fax: +1-301-340-8606
techsupport@origene.com

OriGene Technologies GmbH

Schillerstr. 5
32052 Herford
GERMANY
Phone: +49-5221-34606-0
Fax: +49-5221-34606-11
info-de@origene.com

AP51960PU-N — Polyclonal Antibody to GRXCR1 (Center) - Aff - Purified

Alternate names:	DFNB25, Glutaredoxin domain-containing cysteine-rich protein 1
Quantity:	0.4 ml
Concentration:	lot specific
Background:	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.
Uniprot ID:	A8MXD5
NCBI:	NP_001073945
GeneID:	389207
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 90-120 amino acids from the Central region of Human GRXCR1
Format:	**State:** Liquid purified Ig fraction **Purification:** Protein A column, followed by peptide affinity purification **Buffer System:** PBS containing 0.09% (W/V) Sodium Azide as preservative
Applications:	**ELISA:** 1/1000. **Western Blot:** 1/100-1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes Human and Mouse GRXCR1 (Center).
Add. Information:	**Molecular Weight:** 32294 Da
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Schraders, M., et al. Am. J. Hum. Genet. 86(2):138-147(2010) Hillier, L.W., et al. Nature 434(7034):724-731(2005) Harrington, J.J., et al. Nat. Biotechnol. 19(5):440-445(2001)

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Pictures:

Western blot analysis of GRXCR1 Antibody (Center) Cat.-No AP51960PU-N in mouse kidney tissue lysates (35ug/lane). This demonstrates the GRXCR1 antibody detected the GRXCR1 protein (arrow).

m.kidney
95
72
55 –
36
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