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## anti-LRIG3 antibody (Middle Region)



Image



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Quantity:	100 μg	
Target:	LRIG3	
Binding Specificity:	AA 428-465, Middle Region	
Reactivity:	Human, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Application:	Western Blotting (WB)	
Product Details		
Troduct Details		
Purpose:	Rabbit IgG polyclonal antibody for Leucine-rich repeats and immunoglobulin-like domains	
	protein 3(LRIG3) detection. Tested with WB in Human,Rat.	
Immunogen:	A synthetic peptide corresponding to a sequence in the middle region of human LRIG3 (428-	
	465aa NAFSQMKKLQQLHLNTSSLLCDCQLKWLPQWVAENNFQ), different from the related	
	mouse sequence by one amino acid.	
Sequence:	NAFSQMKKLQ QLHLNTSSLL CDCQLKWLPQ WVAENNFQ	
Isotype:	IgG	
Cross-Reactivity (Details):	nils): No cross reactivity with other proteins.	
Characteristics:	Rabbit IgG polyclonal antibody for Leucine-rich repeats and immunoglobulin-like domains	
	protein 3(LRIG3) detection. Tested with WB in Human,Rat.	
	Gene Name: leucine rich repeats and immunoglobulin like domains 3	

## **Product Details** Purification: Immunogen affinity purified. **Target Details** Target: LRIG3 LRIG3 (LRIG3 Products) Alternative Name Background: LRIG3 (leucine-rich repeats and Ig-like domains-3) is a 140 kDa type I transmembrane glycoprotein member of the mammalian LRIG glycoprotein family. It shares 46.8 % and 54.0 % amino acid identity with LRIG1 and LRIG2, respectively, with highest conservation in the extracellular, transmembrane, and membrane-proximal sequences. This gene is mapped to chromosome 12q13.2. LRIG3 may play a role in craniofacial and inner ear morphogenesis during embryonic development. It also may act within the otic vesicle epithelium to control formation of the lateral semicircular canal in the inner ear, possibly by restricting the expression of NTN1. Synonyms: LIG-3 | LIG3 | LRIG1-3 | Lrig3 | Q6UXM1 Gene ID: 121227 **Application Details Application Notes:** WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Rat Notes: Tested Species: Species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users. Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB. Restrictions: For Research Use only Handling Format: Lyophilized Reconstitution: Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL. Concentration: 500 μg/mL Buffer: Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide. Preservative: Sodium azide

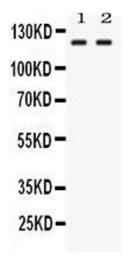
This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Precaution of Use:

#### Handling

	should be handled by trained staff only.	
Handling Advice:	Avoid repeated freezing and thawing.	
Storage:	4 °C/-20 °C	
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month.  It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.	

#### **Images**



#### **Western Blotting**

**Image 1.** Western blot analysis of LRIG3 expression in rat testis extract (Lane 1) and HEPG2 whole cell lysates (Lane 2). LRIG3 at 123KD was detected using rabbit anti-LRIG3 Antigen Affinity purified polyclonal antibody (Catalog # ) at 0.5 ??g/mL. The blot was developed using chemiluminescence (ECL) method (Catalog # EK1002).