SunLong Biotech Co.,LTD
Tel: 0086-571- 56623320 Fax:0086-571- 56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-APRG1 antibody

SL12505R

Product Name:	APRG1
Chinese Name:	三号染色体开放阅读框抗体
Alias:	AP20 region protein 1; APRG1; APRG1_HUMAN; C3orf35; chromosome 3 open reading frame 35.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
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:	19kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human APRG1/C3orf35:41-140/170
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:	APRG1 is a 170 amino acid single-pass membrane protein that exists as 3 alternatively spliced isoforms. APRG1 isoform 1 is highly expressed in placenta and pancreas, while isoform 2 is mainly expressed in kidney. The gene encoding APRG1 maps to human chromosome 3, which houses over 1,100 genes, including a chemokine receptor (CKR) gene cluster and a variety of human cancer-related gene loci. Key tumor suppressing genes on chromosome 3 include those that encode the apoptosis mediator RASSF1, the

	cell migration regulator HYAL1 and the angiogenesis suppressor SEMA3B. Marfan syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth disease are a few of the numerous genetic diseases associated with chromosome 3. **Subcellular Location:** Membrane; Single-pass membrane protein (Potential). **Tissue Specificity:** Isoform 1 is expressed at high levels in the pancreas and placenta. Isoform 2 is expressed at high levels in the kidney. **SWISS:** Q8IVJ8 **Gene ID:** 339883 **Database links:** Entrez Gene: 339883Human Omim: 611429Human SwissProt: Q8IVJ8Human Unigene: 475945Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.