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# Rabbit Anti-FAM55D antibody

SL8196R

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|---|---|
| **Product Name:** | FAM55D |
| **Chinese Name:** | FAM55D蛋白抗体 |
| **Alias:** | C11orf33; Chromosome 11 open reading frame 33; FA55D_HUMAN; Fam55d; Family with sequence similarity 55 member D; Family with sequence similarity 55, member D; FLJ20127; Hypothetical protein LOC54827; Protein FAM55D. |
| **Organism Species:** | Rabbit |
| **Clonality:** | Polyclonal |
| **React Species:** | Human,Mouse,Rat, |
| **Applications:** | WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500（Paraffin sections need antigen repair）<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user. |
| **Molecular weight:** | 59kDa |
| **Cellular localization:** | cytoplasmicSecretory protein |
| **Form:** | Lyophilized or Liquid |
| **Concentration:** | 1mg/ml |
| **immunogen:** | KLH conjugated synthetic peptide derived from human FAM55D:301-400/544 |
| **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:** | FAM55D is a 544 amino acid secreted protein that is expressed as two isoforms due to alternative splicing events. The gene encoding FAM55D is located on chromosome 11. With approximately 135 million base pairs and 1,400 genes, chromosome 11 makes up around 4% of human genomic DNA and is considered a gene and disease association dense chromosome. The chromosome 11 encoded Atm gene is important for regulation |

of cell cycle arrest and apoptosis following double strand DNA breaks. Atm mutation leads to the disorder known as ataxia-telangiectasia. The blood disorders Sickle cell anemia and ∫ thalassemia are caused by HBB gene mutations. Wilms' tumors, WAGR syndrome and Denys-Drash syndrome are associated with mutations of the WT1 gene. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary angioedema and Smith-Lemli-Opitz syndrome are also associated with defects in chromosome 11. The FAM55D gene product has been provisionally designated FAM55D pending further characterization.

**Subcellular Location:**
Secreted (Potential).

**Similarity:**
Belongs to the NXPE family.

**SWISS:**
Q6UWF7

**Gene ID:**
54827

**Database links:**

Entrez Gene: 54827 Human

Entrez Gene: 244853 Mouse

Entrez Gene: 500991 Rat

SwissProt: Q6UWF7 Human

SwissProt: Q52KP5 Mouse

SwissProt: Q5XI89 Rat

Unigene: 179100 Human

Unigene: 325522 Mouse

Unigene: 29872 Rat

**Important Note:**
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.