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Rabbit Anti-CXorf36 antibody

SL0488R

Product Name:	CXorf36
Chinese Name:	脱羧酶蛋白体36抗体
Alias:	chromosome X open reading frame 36, isoform CRA_a ; uncharacterized protein Cxorf36 precursor; PRO3743; EPQL1862; FLJ14103; FLJ55198; FLJ55198, bA435K1.1; 4930578C19Rik; DKFZp313K0825; CXorf36; DIA1R_HUMAN; DIA1R; PRO3743; EPQL1862; bA435K1.1; 4930578C19Rik.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=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:	20/45kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CXorf36:91-182/182
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:	The X and Y chromosomes are the human sex chromosomes. Chromosome X consists of about 153 million base pairs and nearly 1,000 genes. The combination of an X and Y chromosome lead to normal male development while two copies of X lead to normal female development. There are a number of conditions related to an unsual number and

combination of sex chromosomes being inherited. More than one copy of the X chromosome with a Y chromosome causes Klinefelter's syndrome. A single copy of X alone leads to Turner's syndrome. More than 2 copies of the X chromosome, in the absence of a Y chromosome, is known as Triple X syndrome. Color blindness, hemophilia, and Duchenne muscular dystrophy are well known X chromosome-linked conditions which affect males more frequently as males carry a single X chromosome. The CXorf36 gene product has been provisionally designated CXorf36 pending further characterization.

Subcellular Location:
Secreted (Potential).

DISEASE:
Note=Genetic variations in CXorf36 may be associated with susceptibility to autism.

Similarity:
Belongs to the DIA1 family.

SWISS:
Q9H7Y0

Gene ID:
79742

Database links:

Entrez Gene: 79742Human

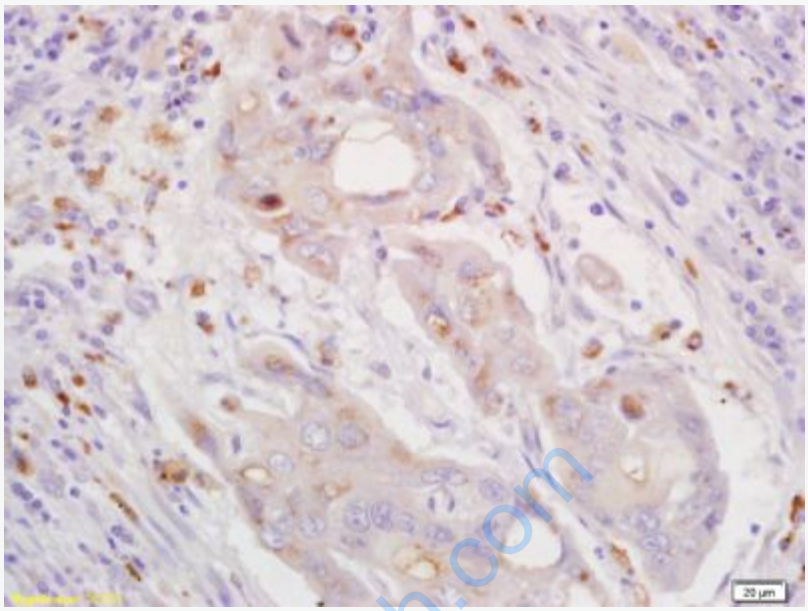
SwissProt: Q9H7Y0Human

Unigene: 98321Human

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

经研究:CXorf36蛋白是通过其水解酶活性，在Tumour的发生、生长或侵袭过程中发挥重要作用。对关于CXorf36基因功能的研究,其在Tumour组织中的定位、对Cell biology学功能的影响需进一步研究。

文献参考：肾癌相关基因CXorf36的克隆及亚定位研究

Picture:	 Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min; Incubation: Anti-CXorf36 Polyclonal Antibody, Unconjugated(SL0488R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining