



Rabbit Anti-XTP4 antibody

SL9636R

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| Product Name: | XTP4 |
| Chinese Name: | 乙型肝炎病毒X蛋白反转录蛋白4抗体 |
| Alias: | C17orf37; C35 antibody chromosome 17 open reading frame 37; HBV X transactivated gene 4 protein; HBV X-transactivated gene 4 protein; HBV XAg transactivated protein 4; HBV XAg-transactivated protein 4; MGC14832; Mien1; MIEN1_HUMAN; Migration and invasion enhancer 1; ORB3; Protein C35; RDX12. |
| Organism Species: | Rabbit |
| Clonality: | Polyclonal |
| React Species: | Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep, |
| 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: | 12kDa |
| Cellular localization: | cytoplasmicThe cell membrane |
| Form: | Lyophilized or Liquid |
| Concentration: | 1mg/ml |
| immunogen: | KLH conjugated synthetic peptide derived from human XTP4:33-130/616 |
| 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: | Increases cell migration by inducing filopodia formation at the leading edge of migrating cells. Plays a role in regulation of apoptosis, possibly through control of CASP3. May be involved in a redox-related process. |

Function:

Increases cell migration by inducing filopodia formation at the leading edge of migrating cells. Plays a role in regulation of apoptosis, possibly through control of CASP3. May be involved in a redox-related process.

Subunit:

Interacts with GPX1 (By similarity).

Subcellular Location:

Cellular localization Cytoplasm; cytosol. Cell membrane. Concentrates at the leading edge of migrating cells. Localizes outside membrane raft regions.

Tissue Specificity:

Among normal tissues, present only in Leydig cells. Strongly up-regulated in breast cancers and in brain cancer distant metastasis (at protein level). Up-regulated in prostate cancer cells and in the higher grades of prostate adenocarcinoma (at protein level).

Post-translational modifications:

Isoprenylation facilitates association with the plasma membrane and enhances the migratory phenotype of cells by inducing increased filopodia formation.

Similarity:

Belongs to the SelWTH family.

SWISS:

Q9BRT3

Gene ID:

84299

Database links:

[Entrez Gene: 84299](#)Human

[Entrez Gene: 103742](#)Mouse

[Entrez Gene: 360617](#)Rat

[Oimim: 611802](#)Human

[SwissProt: Q9BRT3](#)Human

[SwissProt: Q9CQ86](#)Mouse

[Unigene: 333526](#)Human

[Unigene: 259614](#)Mouse

[Unigene: 143893](#)Rat

Important Note:

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

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