

T22D3 Rabbit pAb

CatalogNo: YN1688

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 14kD (Observed)

Isotype

- IgG

| Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

| Basic Information

Clonality

Polyclonal

| Immunogen Information

Immunogen

Synthesized peptide derived from part region of human protein

Specificity

T22D3 Polyclonal Antibody detects endogenous levels of protein.

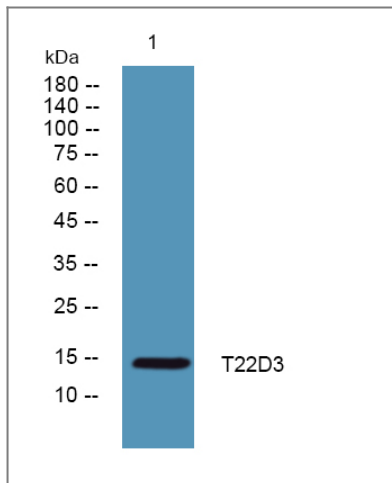
| Target Information

Gene name

TSC22D3 DSIPI GILZ

Protein Name	TSC22 domain family protein 3 (DSIP-immunoreactive peptide) (Protein DIP) (hDIP) (Delta sleep-inducing peptide immunoreactor) (Glucocorticoid-induced leucine zipper protein) (GILZ) (TSC-22-like protein) (TSC-22-related protein) (TSC-22R)		
	Organism	Gene ID	UniProt ID
	Human	1831 ;	Q99576 ;
	Mouse		Q9Z2S7 ;
	Rat		Q9EQZ1 ;
Cellular Localization	[Isoform 1]: Cytoplasm . Nucleus . Localization depends on differentiation status of myoblasts. In undifferentiated myoblasts, isoform 1 localizes to the cytoplasm, but in differentiating myoblasts, isoform 1 is localized to the nucleus (By similarity). .		
Tissue specificity	Expressed in brain, lung, spleen and skeletal muscle. Lower levels detected in heart and kidney. Not detected in the pancreas. In non-lymphoid tissues, in the absence of inflammation, the major source of constitutive expression is the macrophage lineage. Also expressed in cells from different hemopoietic cell lineages, including bone marrow cells, CD34+ stem cells, mature B- and T-cells, monocytes and granulocytes. Down-regulated in activated macrophages from inflammatory lesions of delayed-type hypersensitivity (DTH) reactions, such as in tuberculosis and in Crohn disease, whereas in Burkitt lymphoma, persists in macrophages involved in the phagocytosis of apoptotic malignant cells.		
Function	Domain:The leucine-zipper is involved in homodimerization.,Function:Plays a role as a mediator of e2f1-induced apoptosis in the absence of tp53/p53.,Function:Protects T-cells from IL2 deprivation-induced apoptosis through the inhibition of FOXO3A transcriptional activity that leads to the down-regulation of the pro-apoptotic factor BCL2L11. In macrophages, plays a role in the anti-inflammatory and immunosuppressive effects of glucocorticoids and IL10. In T-cells, inhibits anti-CD3-induced NFkB1 nuclear translocation. In vitro, suppresses AP1 and NFkB1 DNA-binding activities.,induction:By glucocorticoids in lymphoid cells and upon IL4, IL10, IL13 or glucocorticoid treatment in monocyte/macrophage cells. Transiently induced by IL2 deprivation in T-cells.,induction:Up-regulated in the mitochondria by E2F1 after addition of 4-hydroxytamoxifen (at protein level).,similarity:Belongs to the TSC-22/Dip/Bun family.,similarity:Contains 1 GRAM domain.,subcellular location:Colocalizes with COX4I1.,subunit:Can form homodimers, however it is likely to function as a monomer. Interacts with AP1 (By similarity). Interacts with NFkB1.,tissue specificity:Expressed in brain, lung, spleen and skeletal muscle. Lower levels detected in heart and kidney. Not detected in the pancreas. In non-lymphoid tissues, in the absence of inflammation, the major source of constitutive expression is the macrophage lineage. Also expressed in cells from different haemopoietic cell lineages, including bone marrow cells, CD34+ stem cells, mature B- and T-cells, monocytes and granulocytes. Down-regulated in activated macrophages from inflammatory lesions of delayed-type hypersensitivity (DTH) reactions, such as in tuberculosis and in Crohn disease, whereas in Burkitt lymphoma, persists in macrophages involved in the phagocytosis of apoptotic malignant cells.,tissue specificity:Expressed in lung and in primary lung squamous cell carcinoma (LSCC).,		

| Validation Data



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4°over night

Contact information

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Please scan the QR code
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T22D3 Rabbit pAb

For Research Use Only. Not for Use in Diagnostic Procedures.

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