

TXD12 Rabbit pAb

CatalogNo: YT7124

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 19kD (Calculated)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

| 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.

| Basic Information

Clonality Polyclonal

| Immunogen Information

Immunogen Synthesized peptide derived from human TXD12 AA range: 118-168

Specificity This antibody detects endogenous levels of TXD12 at Human/Mouse/Rat

| Target Information

Gene name TXNDC12 TLP19 UNQ713/PRO1376

Protein Name TXD12

Organism	Gene ID	UniProt ID
Human	51060 ;	O95881 ;
Mouse	66073 ;	Q9CQU0 ;
Rat	298370 ;	Q498E0 ;

Cellular Localization Endoplasmic reticulum lumen .

Tissue specificity Widely expressed.

Function Catalytic activity:2 glutathione + protein-disulfide = glutathione disulfide + protein-dithiol.,cofactor:FAD.,Function:Possesses significant protein thiol-disulfide oxidase activity.,Function:Probable oxidoreductase that acts as a caspase-independent mitochondrial effector of apoptotic cell death. Extramitochondrial AIF induces nuclear chromatin condensation and large scale DNA fragmentation (in vitro). Binds to DNA in a sequence-independent manner.,similarity:Belongs to the FAD-dependent oxidoreductase family.,similarity:Contains 1 thioredoxin domain.,subcellular location:Translocated to the nucleus upon induction of apoptosis.,subunit:Interacts with XIAP.,tissue specificity:Widely expressed.,

| Validation Data

| Contact information

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TXD12 Rabbit pAb

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