

## 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

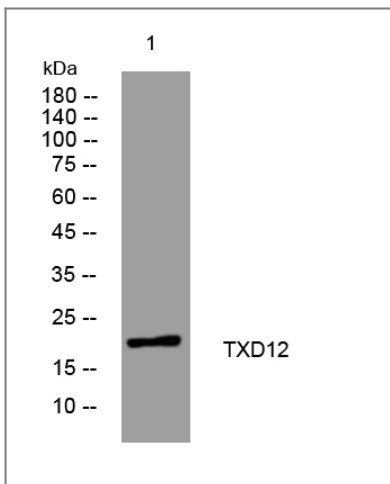
Organism	Gene ID	UniProt ID
Human	<a href="#">51060</a> ;	<a href="#">O95881</a> ;
Mouse	<a href="#">66073</a> ;	<a href="#">Q9CQU0</a> ;
Rat	<a href="#">298370</a> ;	<a href="#">Q498E0</a> ;

**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



Western blot analysis of lysates from A431 cells, primary antibody was diluted at 1:1000, 4° over night

## Contact information

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