

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-TMX1



Numéro de catalogue: 27489-1-AP

2 Publications

Informations de base

Numéro de catalogue: 27489-1-AP	Numéro d'acquisition GenBank: BC036460	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 1400 µg/ml by Nanodrop and 767 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 81542	Dilutions recommandées: WB 1:2000-1:10000
Hôte: Lapin	Nom complet: thioredoxin-related transmembrane protein 1	
Isotype: IgG	MW calculé 32 kDa	
Immunogen Catalog Number: AG26595	MW observés: 31 kDa	

Applications

Applications testées: WB, ELISA	Contrôles positifs: WB : cellules HEK-293T, cellules HeLa, cellules Jurkat, tissu cérébral de souris
Demandes citées: WB	
Spécificité de l'espèce: Humain, rat, souris	
Espèces citées: Humain, souris	

Informations générales

TMX1, one of the few transmembrane members of the family, is the first vascular thiol isomerase with antithrombotic function. It forms functional complexes with the ER lectin calnexin and preferentially intervenes during maturation of cysteine-containing, membrane-associated proteins while ignoring the same cysteine-containing ectodomains if not anchored at the ER membrane. As such, TMX1 is the first example of a topology-specific client protein redox catalyst in living cells (PMID: 30655304). Covalent modification with AMS increases the molecular mass of originally oxidized species by ~0.5 kDa per thiol group, which allows enhanced separation from the reduced form in electrophoresis (PMID: 29123984). TMX1 has 2 bands produced by redox with the MW of 30-32 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Xie Ge	35803125	Redox Biol	WB
Hana Nůsková	37495107	J Biol Chem	WB

Stockage

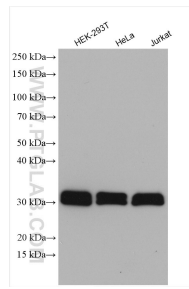
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20°C

*** Les 20ul contiennent 0,1% de BSA.

For technical support and original validation data for this product please contact:
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Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 27489-1-AP (TMX1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.