

Nur für Forschungszwecke

# PRDX4 Polyklonaler Antikörper

Katalog-Nr.:55283-1-AP



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 55283-1-AP	<b>GenBank-Zugangsnummer:</b> NM_006406	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 167 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 10549	
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> peroxiredoxin 4	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 31 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
ELISA

**Getestete Reaktivität:**  
Human, Maus

## Hintergrundinformationen

PRDX4(Peroxiredoxin-4) is also named as AOE37-2, Prx-IV and belongs to the AhpC/TSA family. PRDX4 is associated with acrosome formation during rat spermatogenesis and has a protective role in the male reproductive tract, because the phenotype of mice lacking this isoform includes testicular atrophy and increased sperm DNA damage(PMID:20864641). It is initially synthesized as a membrane-binding 31-kDa protein and processed into a 27-kDa secretory form and is discarded with the residual bodies(PMID:19208552). PRDX4 is a pentamer of dimers(PMID:23025503). This antibody is specific to PRDX4.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern.

**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

**Aliquotieren ist nicht notwendig bei -20°C Lagerung**

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

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

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