

Nur für Forschungszwecke

# PAX3 Polyklonaler Antikörper

Katalog-Nr.: 51036-2-AP

2 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 51036-2-AP	<b>GenBank-Zugangsnummer:</b> BC114363	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul, Konzentration: 213 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 5077	<b>Empfohlene Verdünnungen:</b> WB 1:200-1:1000
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> paired box 3	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 120 kDa	
<b>Immunogen Katalognummer:</b> AG0477	<b>Beobachtete Masse:</b> 56 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> WB, ELISA	<b>Positivkontrollen:</b> WB: Maushautgewebe, A375-Zellen, HepG2-Zellen, K-562-Zellen
<b>In Publikationen genannte Anwendungen:</b> WB	
<b>Getestete Reaktivität:</b> Human, Maus	
<b>Zitierte Arten:</b> Maus	

## Hintergrundinformationen

PAX3, a transcription factor and multifunctional regulatory protein, is normally expressed during embryonic development. In the nervous system, PAX3 is involved in neural tube closure, neural crest development, and peripheral neuron differentiation. In the present study, PAX3 was reported as a novel regulator of GFAP transcription, and the overexpression and suppression of PAX3 could inhibit and promote NSC differentiation, respectively. In muscle development, PAX3 ensures the survival of myogenic progenitor cells with Pax3-expressing progenitors giving rise to both skeletal and smooth muscle cells. PAX3 also has a well-established role in the development of melanocytes during embryogenesis, and has recently been characterized as a molecular switch in the mature melanocyte. Mutations in PAX3 can cause Waardenburg syndrome.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Kelei Li	34606561	Food Funct	WB
Kelei Li	36039894	J Agric Food Chem	WB

## Lagerung

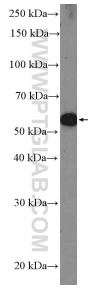
**Lagerungsbedingungen:**  
Bei -20°C lagern.  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:  
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E: proteintech@ptglab.com  
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## Ausgewählte Validierungsdaten



mouse skin tissue were subjected to SDS PAGE followed by western blot with 51036-2-AP (PAX3 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.