

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 68236-1-Ig	<b>GenBank-Zugangsnummer:</b> BC026015	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 150ul , Konzentration: 500 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 3184	<b>CloneNo.:</b> 2G9E6
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> heterogeneous nuclear ribonucleoprotein D (AU-rich element RNA binding protein 1, 37kDa)	<b>Empfohlene Verdünnungen:</b> WB 1:5000-1:50000 IF 1:400-1:1600
<b>Isotyp:</b> IgG2b	<b>Berechnete Masse:</b> 355 aa, 38 kDa	
<b>Immunogen Katalognummer:</b> AG3458	<b>Beobachtete Masse:</b> 38 kDa	

## Anwendungen

### Geprüfte Anwendungen:

IF, IHC, WB, ELISA

### Getestete Reaktivität:

Hausschwein, Human, Kaninchen, Maus, Ratte

**Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

### Positivkontrollen:

WB : A431-Zellen, Hausschwein-Hirngewebe, HEK-293-Zellen, HeLa-Zellen, Jurkat-Zellen, Kaninchenhirngewebe, LNCaP-Zellen, Maushirngewebe, Rattenhirngewebe

IHC : humanes Zervixkarzinomgewebe,

IF : HepG2-Zellen,

## Hintergrundinformationen

The heterogeneous nuclear ribonucleoprotein (hnRNP) complexes which provide the substrate for the processing events that pre-mRNAs undergo before becoming functional, translatable mRNAs in the cytoplasm. HNRNPD, also known as AUF1, belongs to the family of AU-binding proteins (AU-BPs) that regulate the cellular half-lives of many mRNAs by directly interacting with an AU-rich element (ARE) located in their 3' untranslated region (PMID:8578590,12704645). AUF1 has four isoforms produced by alternative splicing of a single transcript: p37, p40, p42, and p45 (PMID:9521873).

## Lagerung

### Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

### 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

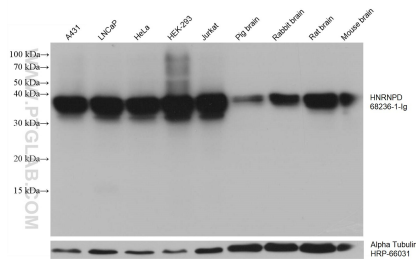
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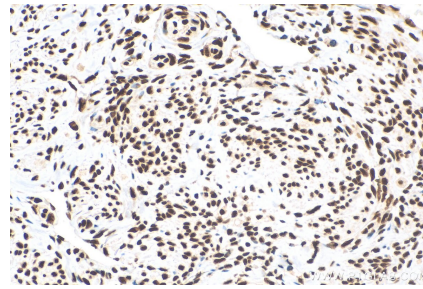
E: proteintech@ptglab.com  
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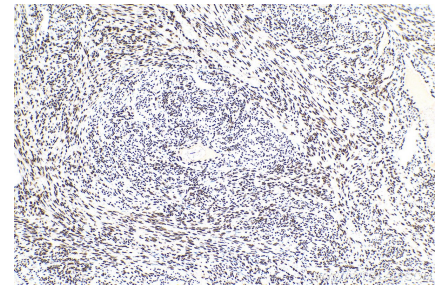
## Ausgewählte Validierungsdaten



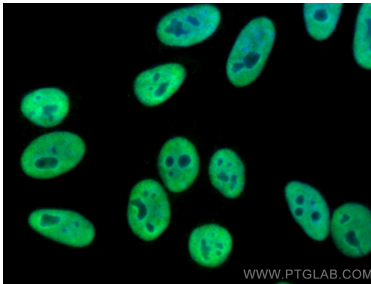
Various lysates were subjected to SDS PAGE followed by western blot with 68236-1-Ig (HNRNP D antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 68236-1-Ig (HNRNP D antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 68236-1-Ig (HNRNP D antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using HNRNP D antibody (68236-1-Ig, Clone: 2G9E6) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).