

## HNRNPD Polyclonal Antibody

Catalog number: 12770-1-AP

Size: 40 µg/150 µl

Source: Rabbit

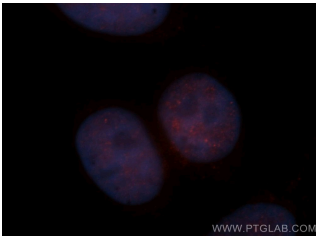
Isotype: IgG

Synonyms:

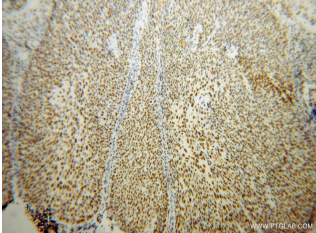
HNRNPD; AUF1, AUF1A,

hnRNP D0, HNRNPD,

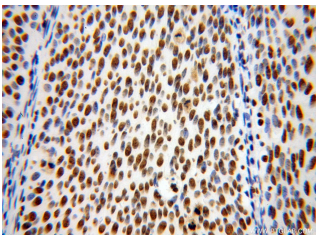
hnRNP D0, HNRPD, P37



Immunofluorescent analysis of HepG2 cells, using HNRNPD antibody 12770-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



Immunohistochemical of paraffin-embedded human cervical cancer using 12770-1-AP (HNRNPD antibody) at dilution of 1:100 (under 10x lens)



Immunohistochemical of paraffin-embedded human cervical cancer using 12770-1-AP (HNRNPD antibody) at dilution of 1:100 (under 40x lens)

### Background

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).

### Applications

Tested applications:	ELISA, WB, IHC, IF
Cited applications:	IHC
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated HNRNPD MW:	355aa, 38 kDa
Observed HNRNPD MW:	38kd and 40kd
Positive WB detected in	HeLa cells, Jurkat cells, mouse liver tissue
Positive IHC detected in	Human cervical cancer tissue, human placenta tissue
Positive IF detected in	HepG2 cells
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:20-1:200 IF: 1:20-1:200

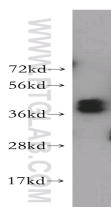
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag3458
GenBank accession number:	BC026015
Gene ID (NCBI):	3184
Full name:	Heterogeneous nuclear ribonucleoprotein D (AU-rich element RNA binding protein 1, 37kDa)

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



HeLa cells were subjected to

**SDS PAGE followed by  
western blot with 12770-1-  
AP(HNRNP D antibody) at  
dilution of 1:500**