

## Product datasheet for **TA370333**

### ANKRD10 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 200-300 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human ANKRD10
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	ankyrin repeat domain 10
Database Link:	<a href="#">Entrez Gene 55608 Human Q9NXR5</a>

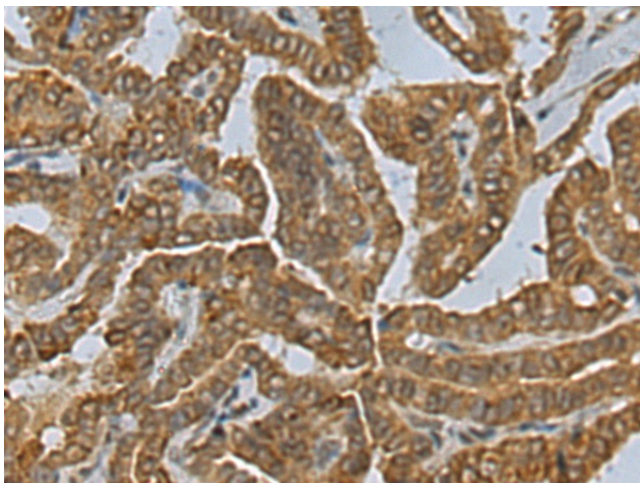
**Background:** ANKRD10 (Ankyrin repeat domain-containing protein 10) is a 420 amino acid protein that contains four Ankyrin repeats and is expressed as two alternatively spliced isoforms. The gene encoding ANKRD10 maps to chromosome 13. Comprising nearly 4% of the human genome, chromosome 13 contains around 114 million base pairs and encodes over 400 genes. Chromosome 13 houses key tumor suppressor genes, including BRCA2 and RB1, which are associated with breast cancer susceptibility and retinoblastoma, respectively. Trisomy 13, also known as Patau syndrome, is deadly and the few who survive past one year suffer from permanent neurologic defects, difficulty eating and vulnerability to serious respiratory infections.



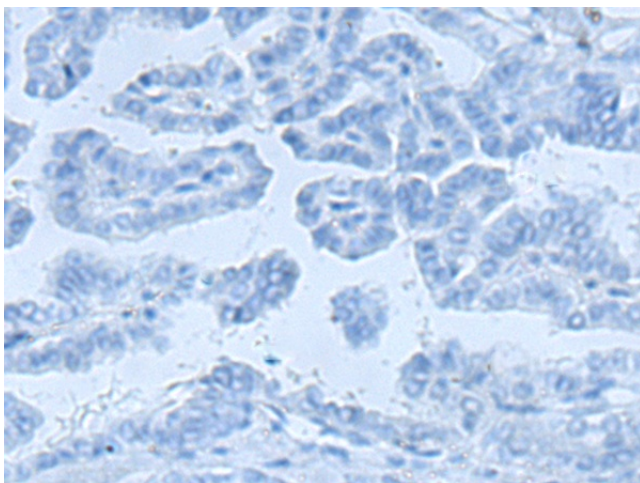
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Synonyms: DKFZp686B07190; FLJ20093

### Product images:



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA370333 (ANKRD10 Antibody) at dilution 1/150 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA370333 (ANKRD10 Antibody) at dilution 1/150, treated with fusion protein. (Original magnification:  $\times 200$ )