

## Product datasheet for **TA366685**

### TDRD3 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Hela, MCF-7, HUVEC cell lysates IHC: 100-300 Positive control: Human thyroid cancer Predicted cell location: Nucleus and Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human TDRD3
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
Predicted Protein Size:	73 kDa
Gene Name:	tudor domain containing 3
Database Link:	<a href="#">Entrez Gene 81550 Human Q9H7E2</a>

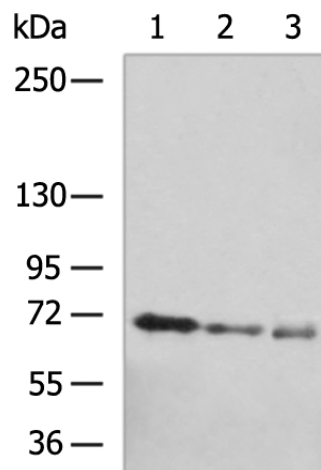
**Background:** Scaffolding protein that specifically recognizes and binds dimethylarginine-containing proteins. In nucleus, acts as a coactivator: recognizes and binds asymmetric dimethylation on the core histone tails associated with transcriptional activation (H3R17me2a and H4R3me2a) and recruits proteins at these arginine-methylated loci. In cytoplasm, may play a role in the assembly and/or disassembly of mRNA stress granules and in the regulation of translation of target mRNAs by binding Arg/Gly-rich motifs (GAR) in dimethylarginine-containing proteins.



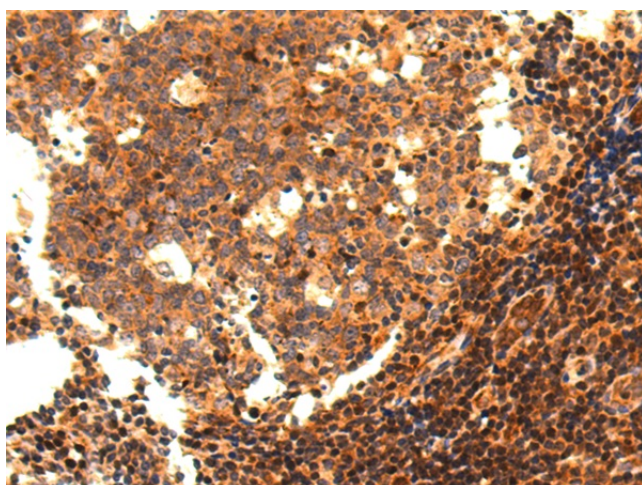
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Synonyms: 4732418C03Rik; 6720468N18

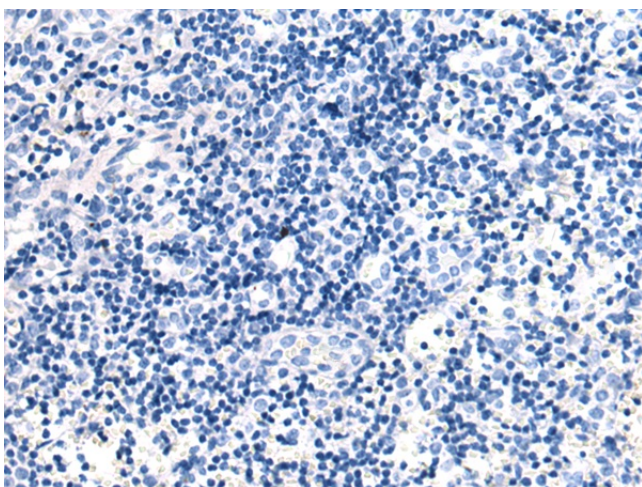
**Product images:**



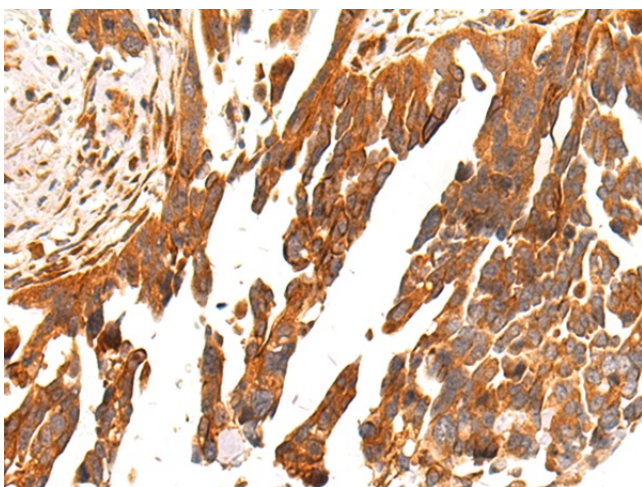
Gel: 6%SDS-PAGE  
 Lysate: 40 µg  
 Lane 1-3: HeLa  
 MCF-7  
 HUVEC cell lysates  
 Primary antibody: TA366685 (TDRD3 Antibody) at dilution 1/500  
 Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution  
 Exposure time: 2 minutes



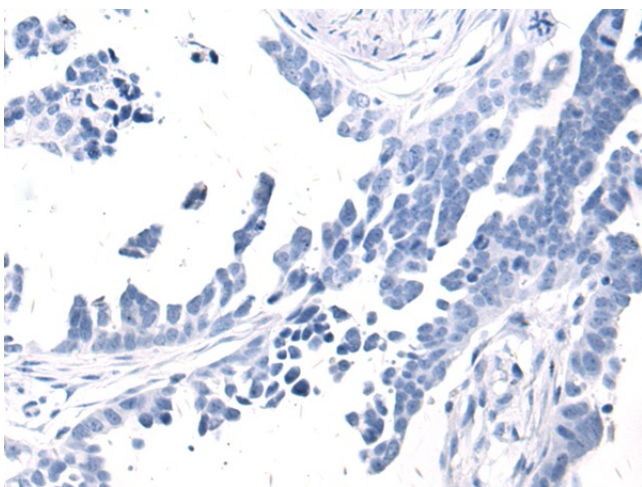
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA366685 (TDRD3 Antibody) at dilution 1/55 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA366685 (TDRD3 Antibody) at dilution 1/55, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA366685 (TDRD3 Antibody) at dilution 1/55 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA366685 (TDRD3 Antibody) at dilution 1/55, treated with fusion protein. (Original magnification: ×200)