

## Product datasheet for **TA350513**

### FUS Rabbit Polyclonal Antibody

#### Product data:

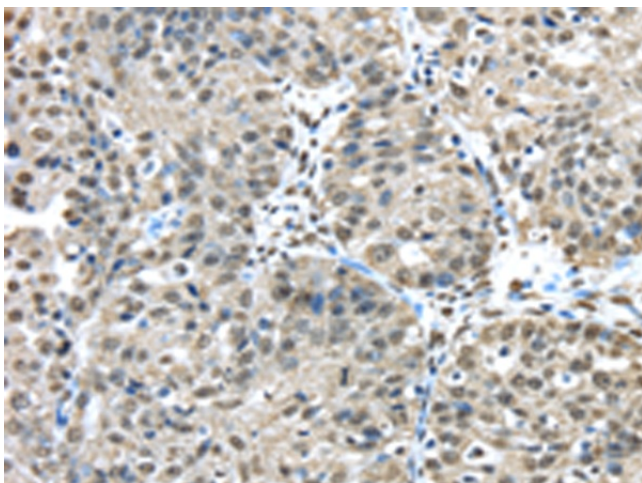
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 30-150 Positive control: Human breast cancer Predicted cell location: Nucleus
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human FUS
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	FUS RNA binding protein
Database Link:	<a href="#">NP_004951</a> <a href="#">Entrez Gene 233908 Mouse</a> <a href="#">Entrez Gene 2521 Human</a> <a href="#">P35637</a>
Background:	This gene encodes a multifunctional protein component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complex. The hnRNP complex is involved in pre-mRNA splicing and the export of fully processed mRNA to the cytoplasm. This protein belongs to the FET family of RNA-binding proteins which have been implicated in cellular processes that include regulation of gene expression, maintenance of genomic integrity and mRNA/microRNA processing. Alternative splicing results in multiple transcript variants. Defects in this gene result in amyotrophic lateral sclerosis type 6.
Synonyms:	ALS6; ETM4; FUS1; HNRNPP2; POMP75; TLS



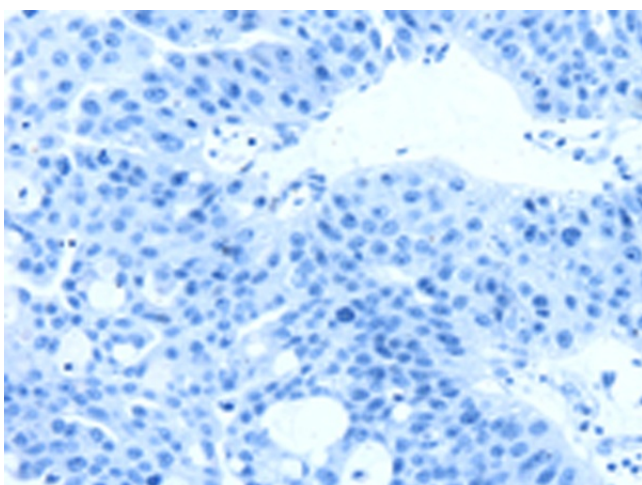
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Protein Families: Druggable Genome, Stem cell - Pluripotency

### Product images:



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA350513 (FUS Antibody) at dilution 1/45 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA350513 (FUS Antibody) at dilution 1/45, treated with fusion protein. (Original magnification: ×200)