

## Product datasheet for **TA375470**

### Dicer (DICER1) Rabbit Polyclonal Antibody

#### Product data:

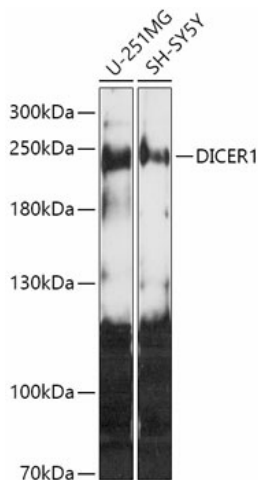
Product Type:	Primary Antibodies
Applications:	IF, IHC, IP, WB
Recommended Dilution:	WB,1:500 - 1:1000 IHC,1:50 - 1:200 IF,1:100 - 1:200 IP,1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1200-1460 of human DICER1 (NP_085124.2).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	92kDa/208kDa/218kDa
Gene Name:	dicer 1, ribonuclease III
Database Link:	<a href="#">Entrez Gene 23405 Human Q9UPY3</a>
Background:	This gene encodes a protein possessing an RNA helicase motif containing a DEXH box in its amino terminus and an RNA motif in the carboxy terminus. The encoded protein functions as a ribonuclease and is required by the RNA interference and small temporal RNA (stRNA) pathways to produce the active small RNA component that represses gene expression. Alternative splicing results in multiple transcript variants.



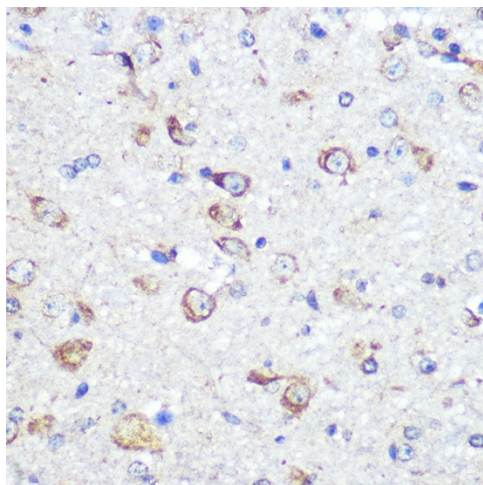
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Synonyms: DCR1; Dicer; helicase-moi; HERNA; K12H4.8-LIKE; KIAA0928

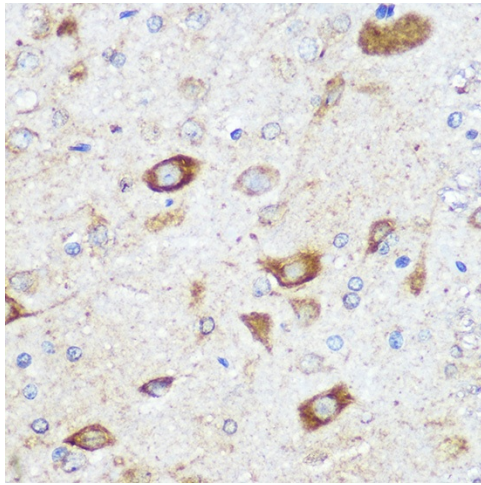
### Product images:



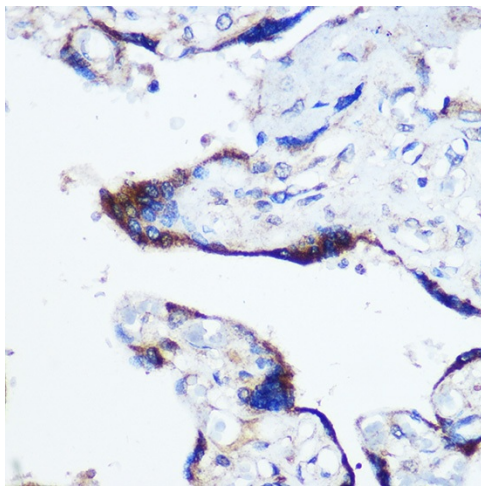
Western blot analysis of extracts of various cell lines, using DICER1 antibody (TA375470) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 3min.



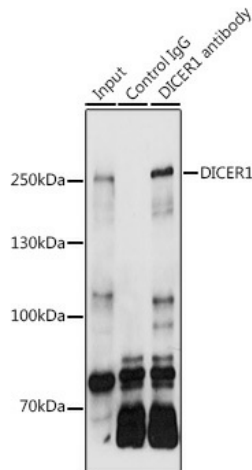
Immunohistochemistry of paraffin-embedded Mouse brain using DICER1 Rabbit pAb (TA375470) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded Rat brain using DICER1 Rabbit pAb (TA375470) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded Human placenta using DICER1 Rabbit pAb (TA375470) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunoprecipitation analysis of 300ug extracts of SH-SY5Y cells using 3ug DICER1 antibody (TA375470). Western blot was performed from the immunoprecipitate using DICER1 antibody (TA375470) at a dilution of 1:500.