

## Product datasheet for **AM09054PU-N**

### DACT3 Mouse Monoclonal Antibody [Clone ID: 2A5]

#### Product data:

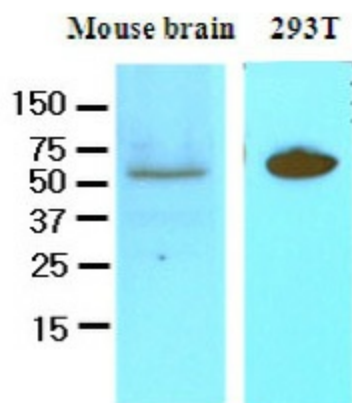
Product Type:	Primary Antibodies
Clone Name:	2A5
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Western blot (1:250 - 500) . Immunohistochemistry on Paraffin embedded tissues (1:50).
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant human DACT3 (aa 89-202) purified from E. coli
Specificity:	The antibody recognizes human and mouse DACT3. Other species not tested.
Formulation:	PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein-G affinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	dishevelled binding antagonist of beta catenin 3
Database Link:	<a href="#">Entrez Gene 629378 Mouse</a> <a href="#">Entrez Gene 147906 Human</a> <a href="#">Q96B18</a>
Background:	DACT3, a member of the DACT (Dpr/Frodo) gene family, plays an important role in a negative regulator of Wnt/-catenin signaling. Unlike other Wnt signaling inhibitors that are silenced by DNA methylation, DACT3 repression is associated with bivalent histone modifications.



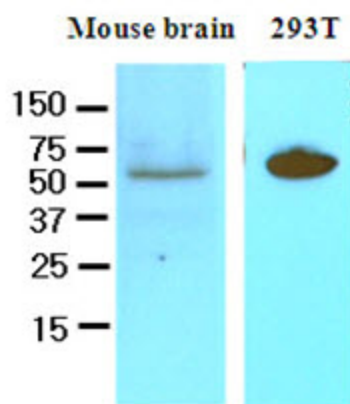
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**Synonyms:** dapper homolog 3, DAPPER3, RRR1

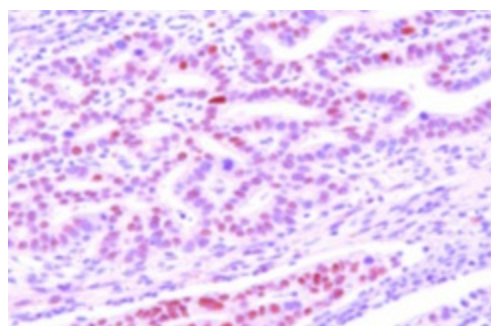
**Product images:**



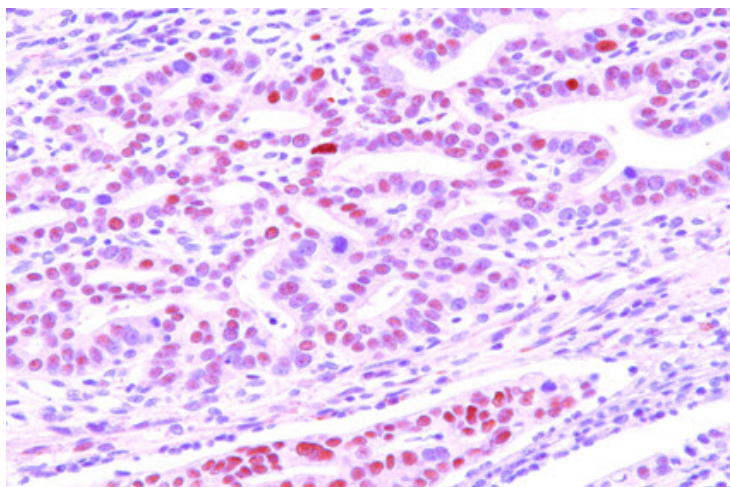
Cell lysates of mouse brain and 293T (50ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human DACT3 (1:250). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



Western blot analysis: Cell lysates of mouse brain and 293T (50 ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human DACT3 (1:250). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



Paraffin embedded sections of human gastric cancer tissue were incubated with anti-human DACT3 (1:50) for 2 hours at room temperature. Antigen retrieval was performed in 0.1M sodium citrate buffer and detected using Diaminobenzidine (DAB)



Immunohistochemistry: Paraffin embedded sections of human gastric cancer tissue were incubated with anti - human DACT3 ( 1 : 50 ) for 2 hours at room temperature. Antigen retrieval was performed in 0.1M sodium citrate buffer and detected using Diaminobenzidine (DAB).