

## Product datasheet for **TA337134**

### FBP17 (FNBP1) Rabbit Polyclonal Antibody

#### Product data:

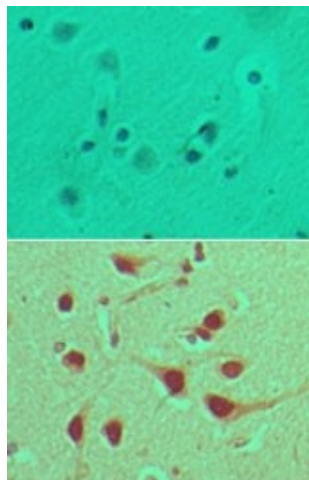
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC-P: 5ug/ml
Reactivity:	Human, Mouse, Rat, Equine, Primate
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	A portion of amino acids 575-643 of human FNBP1 (isoform CRA_a) was used as the immunogen. 597 614
Formulation:	PBS containing 0.05% BSA, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	formin binding protein 1
Database Link:	<a href="#">NP_055848</a> <a href="#">Entrez Gene 14269 Mouse</a> <a href="#">Entrez Gene 192348 Rat</a> <a href="#">Entrez Gene 23048 Human</a> <a href="#">Q96RU3</a>
Background:	FNBP1 is a regulatory protein belonging to the formin-binding-protein family. It has a FCH domain, a coiled-coil domain, a Rho family protein-binding domain (RBD), and a SH3 domain. FNBP1 interacts with sorting nexin 2 (SNX2), tankyrase (TNKS), and dynamin and is an important regulator of endocytosis. It self associates and binds to lipids to promote membrane invagination and the formation of tubules. It acts as a link between RND2 signaling and regulation of the actin cytoskeleton. FNBP1 induces neurite branching in response to ARHN. The MLL-FNBP1 fusion protein with MLL has very low transforming ability. FNBP1 is associated with acute myelogenous leukemia. FNBP1 is very highly expressed in epithelial cells, brown adipose tissue, cardiomyocytes, enteric ganglia and glucagon-producing cells of the pancreas, germ cells of the testis and brain.



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Synonyms: FBP17

### Product images:



Immunohistochemistry-Paraffin: FNBP1 Antibody TA337134 - analysis of FNBP1 in formalin-fixed, paraffin-embedded human brain tissue using an isotype control (top) and this antibody (bottom) at 5 ug/ml.