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anti-TNP1 antibody (AA 201-300) (AbBy Fluor® 350)



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Quantity:	100 μL	
Target:	TNP1	
Binding Specificity:	AA 201-300	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This TNP1 antibody is conjugated to AbBy Fluor® 350	
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse Transition Protein 1	
Isotype:	IgG	
Cross-Reactivity:	Human	
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Sheep,Horse,Rabbit	
Purification:	Purified by Protein A.	

Target Details

Target:	TNP1	
Alternative Name:	Transition Protein 1 (TNP1 Products)	

Target Details

Background:	Synonyms: 551G9.2, Anti Eukaryotic Release Factor 3a, Anti G1 to S phase transition 1, Anti
	GST1, homolog of yeast, eRF 3a, eRF3a, G1 to S phase transition 1, G1 to S phase transition
	protein 1 homolog, G1 to S phase transition protein, GSPT 1, GSPT1, GST 1, GST1, GTP binding
	protein GST1 HS, Transition protein 1, ERF3A_MOUSE.
	Background: eRF3a is a 499 amino acid protein that belongs to the GTP-binding elongation
	factor family and is involved in the regulation of cell growth, specifically via control of
	translation termination. Human eRF3a shares 94 % sequence identity with its mouse
	counterpart, suggesting a conserved function between species. The gene encoding eRF3a
	maps to human chromosome 16, which encodes over 900 genes and comprises nearly 3 $\%$ of
	the human genome. The GAN gene is located on chromosome 16 and, with mutation, may lead
	to giant axonal neuropathy, a nervous system disorder characterized by increasing malfunction
	with growth. The rare disorder Rubinstein-Taybi syndrome is also associated with chromosome
	16, as is Crohn's disease, which is a gastrointestinal inflammatory condition.
Gene ID:	14852
UniProt:	P15170
Application Details	
Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and
	50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
	handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date:

12 months