

# Immunotag™ PTRF Antibody

Antibody Specification	
Catalog No.	ITA2343
Product Description	Immunotag™ PTRF Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PTRF
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000-3000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human PTRF
Specificity	PTRF Antibody detects endogenous levels of total PTRF
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	CAVIN1
Accession No.	Q6NZI2
Alternate Names	2310075E07Rik; AW546441; Cavin 1; Cavin; Cavin-1; CAVIN1; CGL4; FKSG13; FLJ90031; MGC118550; OTTMUSP00000002049; Polymerase I and transcript release factor; Ptrf; PTRF_HUMAN; RNA polymerase I and transcript release factor; RP23-279L23.6; TTF I interacting peptide 12;

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Description	Plays an important role in caveolae formation and organization. Essential for the formation of caveolae in all tissues (PubMed:18056712, PubMed:18191225, PubMed:19726876). Core component of the CAVIN complex which is essential for recruitment of the complex to the caveolae in presence of calveolin-1 (CAV1). Essential for normal oligomerization of CAV1. Promotes ribosomal transcriptional activity in response to metabolic challenges in the adipocytes and plays an important role in the formation of the ribosomal transcriptional loop. Dissociates transcription complexes paused by DNA-bound TTF1, thereby releasing both RNA polymerase I and pre-RNA from the template (By similarity).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	43 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.