

GRP4 Rabbit pAb

CatalogNo: YN5231

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 74kD (Calculated)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:1000-2000

| Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality Polyclonal

| Immunogen Information

Immunogen Synthesized peptide derived from human GRP4 AA range: 487-537

Specificity This antibody detects endogenous levels of human GRP4

| Target Information

Gene name RASGRP4

Protein Name	RAS guanyl-releasing protein 4		
	Organism	Gene ID	UniProt ID
	Human	115727;	Q8TDF6;
	Mouse	233046;	Q8BTM9;
	Rat	233046;	Q8R5I4;

Cellular Localization Cytoplasm. Cell membrane. Recruited to membranes upon activation by DAG.

Tissue specificity Expressed by mast cells and their progenitors (at protein level). Specifically expressed in mononuclear leukocytes. Highly expressed in myeloid cells compared to lymphoid cells. Also detected in heart, skeletal muscle, spleen, liver, placenta and lung. Not detected in brain. Isoform 1 is the major isoform in normal individuals. Isoform 2 is more significantly expressed in a patient with asthma. Isoform 3 is more significantly expressed in a patient with asthma and a mastocytosis patient.

| Validation Data

| Contact information

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