

## Raf1(Phospho-S621) Conjugated Antibody

Catalog No: #C13419



Package Size: #C13419-AF350 100ul #C13419-AF405 100ul #C13419-AF488 100ul  
 #C13419-AF555 100ul #C13419-AF594 100ul #C13419-AF647 100ul  
 #C13419-AF680 100ul #C13419-AF750 100ul #C13419-Biotin 100ul

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## Description

Product Name	Raf1(Phospho-S621) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	beta Granin antibody betagranin (N-terminal fragment of chromogranin A) antibody catestatin antibody CgA antibody CHG A antibody Chga antibody chromofungin antibody Chromogranin A parathyroid secretory protein 1 antibody Chromogranin A precursor antibody ChromograninA antibody CMGA_HUMAN antibody ER-37 antibody Pancreastatin antibody Parastatin antibody Parathyroid secretory protein 1 antibody Pituitary secretory protein I antibody Secretory protein I antibody SP I antibody SP-I antibody SP1 antibody SPI antibody Vasostatin antibody Vasostatin I antibody Vasostatin II antibody
Accession No.	Swiss-Prot#:P10645
Uniprot	P10645
GeneID	1113;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	86
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Background

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Chromogranins (secretogranins) are acidic glycoproteins that localize within secretory granules of endocrine, neuroendocrine and neuronal tissue. Family members include chromogranin A (Chr-A), chromogranin B (Chr-B, also known as secretogranin I) chromogranin C (also known as secretogranin II or Sg II), secretogranin III (Sg III or SCG3). High levels of Chr-A expression is a characteristic of neuroendocrine tumors. Pancreastatin is a peptide derived from Chr-A which inhibits insulin secretion, exocrine pancreatic secretion and gastric acid secretion. Pancreastatin exists as two forms; the major form is expressed in stomach and colon extracts. In neuroendocrine cells the level Sg II has been shown to increase four-fold in response to histamine, while levels of Chr-A and Chr-B showed little or no increase. Sg III is an acidic secretory protein expressed in neuronal and endocrine cells. In the anterior lobe of the rat pituitary gland, Sg III is present in mammatropes and thyrotropes, moderately in gonadotropes and corticotropes, though not in somatotropes. Sg III and carboxypeptidase E (CPE) bind specifically to cholesterol-rich secretory granule (SG) membranes.

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Note: This product is for in vitro research use only