

Rabbit RGN/SMP30 Polyclonal Antibody | anti-RGN/SMP30 antibody

RGN/SMP30 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328714	Rabbit	Human, Mouse, Rat Predicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus	Western Blot

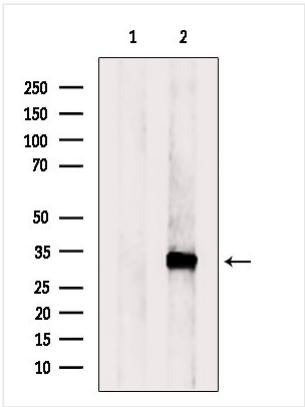
PRODUCT SYNONYMS

RGN/SMP30; Polyclonal Antibody; RGN/SMP30 Antibody; Gluconolactonase; GNL; RC; Regucalcin; RGN; RGN_HUMAN; Senescence marker protein 30; SMP 30; SMP-30; anti-RGN/SMP30 antibody

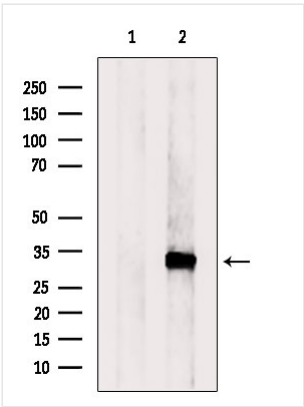
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	RGN/SMP30 Antibody detects endogenous levels of RGN/SMP30.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	299
Applicable Applications for anti-RGN/SMP30 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human RGN/SMP30.
Fragment	Fab Fragment
Conjugate	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from Mouse spleen, using RGN/SMP30 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from Mouse liver tissue?, using RGN/SMP30 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-RGN/SMP30 antibody	Description: Gluconolactonase with low activity towards other sugar lactones, including gulonolactone and galactonolactone. Can also hydrolyze diisopropyl phosphorofluoridate and phenylacetate (in vitro). Calcium-binding protein. Modulates Ca2+ signaling, and Ca2+-dependent cellular processes and enzyme activities (By similarity).
	Subunit Structure: Monomer.
	Similarity: Belongs to the SMP-30/CGR1 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	3334328
NCBI GeneID	9104
UniProt Accession #	Q15493
Molecular Weight	Observed: 33 kDa Predicted: 34 kDa
NCBI Official Full Name	Regucalcin
NCBI Official Synonym Full Names	regucalcin
NCBI Official Symbol	RGN
NCBI Official Synonym Symbols	RC; GNL; SMP30; HEL-S-41
NCBI Protein Information	regucalcin
UniProt Protein Name	Regucalcin
UniProt Gene Name	RGN
UniProt Synonym Gene Names	SMP30; RC; GNL; SMP-30
UniProt Entry Name	RGN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.