

bs-13904R**[Primary Antibody]****CHIT1 Rabbit pAb****BioSS**
ANTIBODIES

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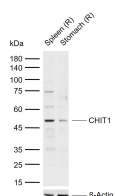
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 1118 Target: CHIT1 Immunogen: KLH conjugated synthetic peptide derived from human CHIT1: 201-300/466. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: Chitotriosidase is secreted by activated human macrophages and is markedly elevated in plasma of Gaucher disease patients. The expression of chitotriosidase occurs only at a late stage of differentiation of monocytes to activated macrophages in culture. Human macrophages can synthesize a functional chitotriosidase, a highly conserved enzyme with a strongly regulated expression. This enzyme may play a role in the degradation of chitin-containing pathogens. Several alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Jan 2012]	Isotype: IgG SWISS: Q13231	Applications: WB (1:500-2000) Reactivity: Rat (predicted: Human, Mouse, Rabbit, Pig, Cow) Predicted MW.: 49 kDa Subcellular Location: Cytoplasm
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— VALIDATION IMAGES —

Sample: Lane 1: Rat Spleen tissue lysates Lane 2:
 Rat Stomach tissue lysates Primary: Anti-CHIT1
 (bs-13904R) at 1/1000 dilution Secondary:
 IRDye800CW Goat Anti-Rabbit IgG at 1/20000
 dilution Predicted band size: 49 kDa Observed
 band size: 50 kDa