

bs-19621R**[Primary Antibody]****PADI3 / PAD3 Rabbit pAb****BioSS**
ANTIBODIES

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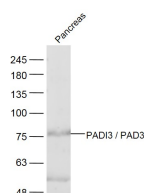
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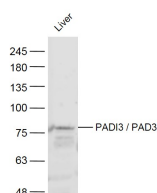
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Sheep, Cow, Horse)
GeneID: 51702	SWISS: Q9ULW8	
Target: PADI3 / PAD3		Predicted MW.: 75 kDa
Immunogen: KLH conjugated synthetic peptide derived from human PADI3 / PAD3: 1-100/664.		Subcellular Location: Cytoplasm
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: This gene encodes a member of the peptidyl arginine deiminase family of enzymes, which catalyze the post-translational deimination of proteins by converting arginine residues into citrullines in the presence of calcium ions. The family members have distinct substrate specificities and tissue-specific expression patterns. The type III enzyme modulates hair structural proteins, such as filaggrin in the hair follicle and trichohyalin in the inner root sheath, during hair follicle formation. Together with the type I enzyme, this enzyme may also play a role in terminal differentiation of the epidermis. This gene exists in a cluster with four other paralogous genes. [provided by RefSeq, Jul 2008]		

— VALIDATION IMAGES —

Sample: Pancreas (Mouse) Lysate at 40 ug
 Primary: Anti-PADI3 / PAD3 (bs-19621R) at 1/300 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 75 kD
 Observed band size: 75 kD



Sample: Liver (Mouse) Lysate at 40 ug
 Primary: Anti-PADI3 / PAD3 (bs-19621R) at 1/300 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 75 kD
 Observed band size: 75 kD