

**bs-0318R****[ Primary Antibody ]****PADI4 Rabbit pAb****Bioss**  
**ANTIBODIES**

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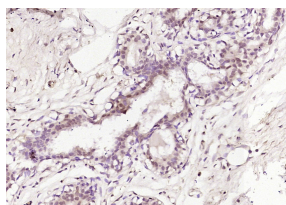
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)  <b>Reactivity:</b> Human    <b>Predicted MW.:</b> 74 kDa  <b>Subcellular Location:</b> Cytoplasm ,Nucleus
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 23569	<b>SWISS:</b> Q9UM07	
<b>Target:</b> PADI4		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human PADI4: 401-500/663.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> PADI4 (peptidyl arginine deiminase, type IV) catalyzes the deimination of arginine residues of proteins. Down-regulates histone H3 and H4 arginine methylation, both by preventing arginine methylation by CARM1 and HRMT1L2/PRMT1 and by converting methylarginine to citrulline. subcellular location at cytoplasmic granules. Belongs to the protein arginine deiminase family. This gene may play a role in granulocyte and macrophage development leading to inflammation and immune response.		

**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (human breast); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PADI4) Polyclonal Antibody, Unconjugated (bs-0318R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.