

bs-12347R**[Primary Antibody]****BioSS**
ANTIBODIES

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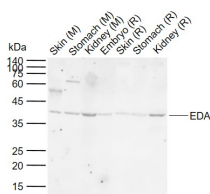
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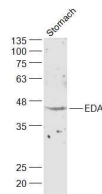
400-901-9800

EDA Rabbit pAb**— DATASHEET —**

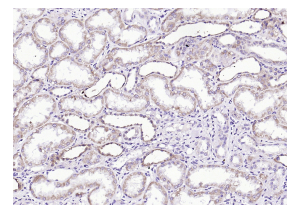
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 1896	SWISS: Q92838	IHC-F (1:100-500)
Target: EDA		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human Ectodysplasin-A, membrane form: 101-200/391. < Extracellular >		Reactivity: Human, Mouse, Rat (predicted: Cow)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 41 kDa
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.		Subcellular Location: Secreted ,Cell membrane
Background: The protein encoded by the EDA gene is a type II membrane protein that can be cleaved by furin to produce a secreted form. The encoded protein, which belongs to the tumor necrosis factor family, acts as a homotrimer and may be involved in cell-cell signaling during the development of ectodermal organs. Defects in the EDA gene are a cause of ectodermal dysplasia, anhidrotic, (this is also known as X-linked hypohidrotic ectodermal dysplasia). Several transcript variants encoding many different isoforms have been found for this gene. AltName: ectodermal dysplasia protein; Ectodysplasin-A; EDA protein homolog; Tabby protein; Ectodysplasin-A, membrane form; secreted form EDA-A5.		

— VALIDATION IMAGES —

Sample: Lane 1: Mouse Skin tissue lysates Lane 2: Mouse Stomach tissue lysates Lane 3: Mouse Kidney tissue lysates Lane 4: Rat Embryo tissue lysates Lane 5: Rat Skin tissue lysates Lane 6: Rat Stomach tissue lysates Lane 7: Rat Kidney tissue lysates Primary: Anti- EDA (bs-12347R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 41 kDa Observed band size: 41 kDa



Sample: Stomach (Mouse) Lysate at 40 ug
Primary: Anti-EDA (bs-12347R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 41 kD
Observed band size: 41 kD



Paraformaldehyde-fixed, paraffin embedded (Human kidney); 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 (EDA) Polyclonal Antibody, Unconjugated (bs-12347R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.