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## EDA Rabbit pAb

Catalog Number: bs-12347R

Target Protein: EDA

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human, Mouse, Rat (predicted:Cow)

Predicted MW: 41 kDa

Entrez Gene: 1896

Swiss Prot: Q92838

Source: KLH conjugated synthetic peptide derived from human Ectodysplasin-A, membrane form: 101-200/391.

Purification: affinity purified by Protein A

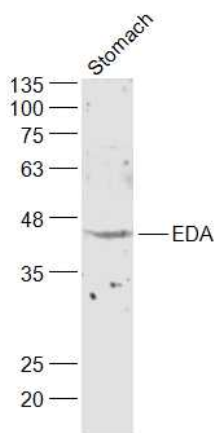
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

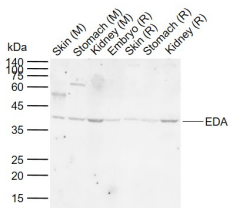
**Background:** The protein encoded by the EDA gene is a type II membrane protein that can be cleaved by furin to produce a secreted form. The encoded protein, which belongs to the tumor necrosis factor family, acts as a homotrimer and may be involved in cell-cell signaling during the development of 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

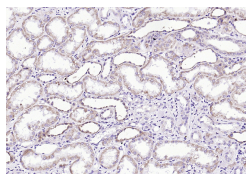
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Sample: Stomach (Mouse) Lysate at 40 ug Primary: Anti-EDA (bs-12347R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 41 kD Observed band size: 41 kD



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



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.