



Stat3 (Acetyl Lys87) Antibody

E20-40070

Catalog No.: E20-40070

Applications: WB,ELISA

Reactivity: Human,Mouse,Rat

Gene Name: STAT3

Protein Name: Signal transducer and activator of transcription 3

Human Gene Id: 6774

Human Swiss Prot No: P40763

Mouse Gene Id: 20848

Mouse Swiss Prot No: P42227

Rat Gene Id: 25125

Rat Swiss Prot No: P52631

Immunogen: Synthesized acetyl-peptide derived from human Stat3 around the acetylation site of K87.

Specificity: Acetyl-Stat3 (K87) Polyclonal Antibody detects endogenous levels of Stat3 around the acetylation site of K87 protein.

Formulation: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Rabbit

Dilution:Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

Purification:The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -20°C/1 year

Other Name:STAT3; APRF; Signal transducer and activator of transcription 3; Acute- phase response factor

Observed Band(KD): 85

Background: signal transducer and activator of transcription 3(STAT3) Homo sapiens The protein encoded by this gene is a member of the STAT protein family.

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Function : disease: Defects in STAT3 are the cause of hyperimmunoglobulin E recurrent infection syndrome autosomal dominant (AD-HIES) [MIM:147060]; also known as hyper- IgE syndrome or Job syndrome.

Subcellular Location: nuclear chromatin, nucleus, nucleoplasm, cytoplasm, mitochondrial inner membrane, cytosol, plasma membrane, RNA polymerase II transcription factor complex.

Expression: Epithelium, Kidney, Liver, Pancreas, Placenta.

