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## MON1A Rabbit pAb

Catalog Number: bs-17711R

Target Protein: MON1A

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human, Mouse (predicted:Rat, Rabbit, Pig, Sheep, Cow, Horse, Plants, Cynomolgus Monkey)

Predicted MW: 62 kDa

Subcellular Cytoplasm

Locations:

Entrez Gene: 84315

Swiss Prot: Q86VX9

Source: KLH conjugated synthetic peptide derived from human MON1A: 51-150/555.

Purification: affinity purified by Protein A

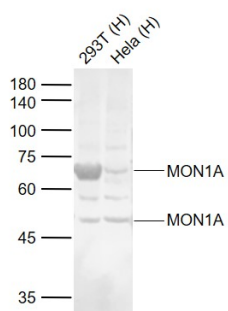
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

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

**Background:** MON1A is a 555 amino acid protein that exists as multiple alternatively spliced isoforms and plays an important role in membrane trafficking, specifically through the secretory apparatus. The gene encoding MON1A maps to human chromosome 3, which houses over 1,100 genes, including a chemokine receptor (CKR) gene cluster and a variety of human cancer-related gene loci. Key tumor suppressing genes on chromosome 3 include those that encode the apoptosis mediator RASSF1, the cell migration regulator HYAL1 and the angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth Disease are a few of the numerous genetic diseases associated with chromosome 3.

### VALIDATION IMAGES

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Sample: Lane 1: 293T (Human) Cell Lysate at 30 ug Lane 2: HeLa (Human) Cell Lysate at 30 ug Primary: Anti-MON1A (bs-17711R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
 Predicted band size: 70/55 kD Observed band size: 70/50 kD