

CAB3954

Product Information

Product SKU: CAB3954	Gene ID: 25824	Size: 20uL, 100uL
Clone No: ARC0873	Host Species: Rabbit	Reactivity: Human,Mouse,Rat

Additional Information

Observed MW: 17kDa	Conjugate: Unconjugated
Calculated MW: 22kDa	Isotype: IgG

Immunogen Information

Background: This gene encodes a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. The encoded protein interacts with peroxisome receptor 1 and plays an antioxidant protective role in different tissues under normal conditions and during inflammatory processes. The use of alternate transcription start sites is thought to result in transcript variants that use different in-frame translational start codons to generate isoforms that are targeted to the mitochondrion (isoform L) or peroxisome/cytoplasm (isoform S). Multiple related pseudogenes have been defined for this gene.

Recommended Dilution: WB,1:500 - 1:2000

Synonyms: PLP; ACR1; B166; PRXV; PMP20; PRDX6; prx-V; SBBI10; AOEB166; HEL-S-55; Peroxiredoxin 5 (PRDX5)

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 100-200 of human Peroxiredoxin 5 (PRDX5) (PRDX5) (P30044).

Storage: Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.