**Polyclonal Antibody to Mycobacterium tuberculosis antigen Acr1**

**Purified Antibody (0.1 mg)**

**Clone:** Polyclonal

**Isotype:** Rabbit None

**Specificity:** The rabbit polyclonal antibody to Acr1 reacts with Mycobacterium tuberculosis protein Acr1 (Rv2031c, Hsp16.3).

**Regulatory Status:** RUO

**Immunogen:** Recombinant Mycobacterium tuberculosis Acr1 produced in E. coli

**Species Reactivity:** Mycobacterium tuberculosis

**Application:** Western Blotting, ELISA

**Purity:** > 95% (by SDS-PAGE)

**Purification:** Purified from rabbit serum by affinity chromatography

**Concentration:** 1 mg/ml

**Storage Buffer:** Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4

**Storage / Stability:** Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on vial label.

**Expiration:** See vial label

**Lot Number:** See vial label

**Background:** The Mycobacterium tuberculosis antigen Acr1 (alpha-crystallin-related protein 1), also known as Hsp16.3, is a small heat shock protein (16 kDa), which forms oligomeric assemblies. Expression of Acr1 is induced by exposure to hypoxia or nitric oxide and is associated with bacterial persistence in a non-replicating state.

**References:**

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