

**Beta-actin Antibody****Subcategory:** Chicken Polyclonal Antibody**Cat. No.:** 254017**Unit:** 0.1 mg**Description:**

Actins are highly conserved proteins that are involved in cell motility, structure and integrity, processes that are crucial for tissue development and the development of organism. The actin cytoskeleton is one of the principal drivers of cell motility and is capable of responding to complex signaling cascades. Recent evidence suggests that it may play key roles in regulating apoptosis and aging. Beta actin is one of six different actin isoforms which have been identified. Like GAPDH, beta-actin is constitutively expressed at high levels in almost all tissues and cell lines making it ideal for use as a loading control marker in immunoblots.

**Isotype:** Chicken Ig**Applications:** E, WB, ICC**Species Reactivity:** H, M, R**Format:** Each vial contains 0.1 ml IgY in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.**Alternate Names:** beta-Actin ; Beta actin**Accession No.:** AAH02409**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within human Beta-actin.**Application Notes:** E: 1:500-1:1,000; WB: 1:100-1:500; ICC: 1:100-1:500**Storage:** Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.