
BAPX1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254433

Unit: 0.1 mg

Description:

BAPX1 is the mammalian homolog of the *Drosophila* bagpipe homeobox gene and is expressed in the splanchnic mesoderm and embryonic skeleton. It is one of the earliest developmental markers for the sclerotome portion of the somite and the gut mesentery. BAPX1 is required for normal skeletal development; homozygous inactivating mutations in the BAPX1 gene result in spodylo-megaepiphyseal-metaphyseal dysplasia (SMMD). It has also been suggested to play a role in the proper development of the mammalian gut and is required for distal stomach development as part of a BARX1-dependent pathway.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Homeobox protein Nkx-3.2; NKH3-2; NKX3B; SMMD

Accession No.: NP_001180

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human BAPX1.

Application Notes: E: 1:500-1:1,000; WB: 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.