ACTG2 (Human) Cell-Based ELISA Kit

Catalog # KA2558 Size 1 Kit

Specification

Product Description	ACTG2 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative det ermination of ACTG2 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — ACTG2

Entrez GeneID	72
Protein Accession#	P63267
Gene Name	ACTG2
Gene Alias	ACT, ACTA3, ACTE, ACTL3, ACTSG
Gene Description	actin, gamma 2, smooth muscle, enteric

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Omim ID	102545
Gene Ontology	Hyperlink
Gene Summary	Actins are highly conserved proteins that are involved in various types of cell motility, and mainten ance of the cytoskeleton. In vertebrates, three main groups of actin isoforms, alpha, beta and gam ma have been identified. The alpha actins are found in muscle tissues and are a major constituent of the contractile apparatus. The beta and gamma actins co-exist in most cell types as component s of the cytoskeleton, and as mediators of internal cell motility. Actin, gamma 2, encoded by this g ene, is a smooth muscle actin found in enteric tissues. [provided by RefSeq
Other Designations	actin, gamma 2|actin-like protein|alpha-actin 3|smooth muscle gamma actin

Pathway

- Vascular smooth muscle contraction

Disease

- Cholestasis
- Pre-Eclampsia
- Pregnancy Complications

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