

Product datasheet

Human ECT2 peptide ab23060

Description

Product name	Human ECT2 peptide		
Animal free	No		
Nature	Synthetic		
Species	Human		
Sequence	AENSVLSTTGRT-C		
Amino acids	2 to 14		

Specifications

Our [Abpromise guarantee](#) covers the use of **ab23060** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Blocking - Blocking peptide for Anti-ECT2 antibody (ab4863)
Form	Lyophilised

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Reconstitution	Reconstitute to 1mg/ml with water. (Lyophilised from water.)

General Info

Relevance	The protein encoded by this gene is a transforming protein that is related to Rho-specific exchange factors and yeast cell cycle regulators. The expression of this gene is elevated with the onset of DNA synthesis and remains elevated during G2 and M phases. In situ hybridization analysis showed that expression is at a high level in cells undergoing mitosis in regenerating liver. Thus, this protein is expressed in a cell cycle-dependent manner during liver regeneration, and is thought to have an important role in the regulation of cytokinesis.
Cellular localization	ECT2 exhibits nuclear localization in interphase, spreads throughout the cytoplasm in prometaphase, and is condensed in the midbody during cytokinesis

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