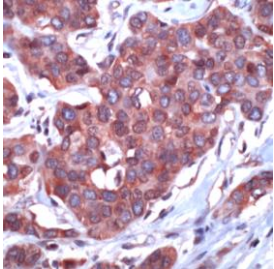
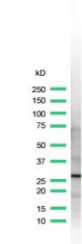




Rabbit Anti-Human 14-3-3 zeta Polyclonal Antibody

CATALOG #:	<p>E12600 0.1 ml immunogen affinity purified rabbit polyclonal antibody in PBS/1% BSA buffer pH 7.6 with less than 0.1% sodium azide.</p> <p>E12602 0.5 ml immunogen affinity purified rabbit polyclonal antibody in PBS/1% BSA buffer pH 7.6 with less than 0.1% sodium azide.</p> <p>E12604 1.0 ml immunogen affinity purified rabbit polyclonal antibody in PBS/1% BSA buffer pH 7.6 with less than 0.1% sodium azide.</p> <p>E12601 7.0 ml pre-diluted immunogen affinity purified rabbit polyclonal antibody in TBS/1% BSA buffer pH 7.6 with less than 0.1% sodium azide. (For IHC only)</p>	 <p><i>Human breast carcinoma stained with anti-14-3-3 zeta antibody</i></p>	 <p><i>Western Blot analysis of 293T cell lysate with 14-3-3-zeta antibody</i></p>
INTENDED USE:	For Research Use Only. Not for use in diagnostic procedures.		
CLONE:	N/A		
IMMUNOGEN:	Synthetic peptide derived from internal region of human 14-3-3 zeta.		
IG ISOTYPE:	Rabbit IgG		
EPITOPE:	Not determined		
MOLECULAR WEIGHT	28kDa		
SPECIES REACTIVITY:	Human (tested). (See www.springbio.com for information on species reactivity predicted by sequence homology.)		
DESCRIPTION:	14-3-3 proteins regulate many cellular processes relevant to cancer biology, notably apoptosis, mitogenic signaling and cell-cycle checkpoints. Seven isoforms comprise this family of signaling intermediates, denoted 14-3-3 beta, gamma, theta, epsilon, zeta, sigma, and nu. 14-3-3 proteins function in broad regulation of these ligand proteins, by cytoplasmic sequestration, occupation of interaction domains and import/export sequences, prevention of degradation and activation/repression of enzyme activity.		
APPLICATIONS:	Immunohistochemistry (IHC) and Western Blotting		
IHC PROCEDURE:	<p>Specimen Preparation: Formalin-fixed, paraffin-embedded tissues are suitable for use with this primary antibody.</p> <p>Deparaffinization: Deparaffinize slides using xylene or xylene alternative and graded alcohols.</p> <p>Antibody Dilution: If using the concentrate format of this product, dilute the antibody 1:50. The dilutions are estimates; actual results may differ because of variability in methods and protocols.</p> <p>Antigen Retrieval: Boil tissue section in 10mM citrate buffer, pH 6.0 for 10 min followed by cooling at room temperature for 20 min.</p> <p>Primary Antibody Incubation: Incubate for 30 minutes at room temperature.</p> <p>Slide Washing: Slides must be washed in between steps. Rinse slides with PBS/0.05% Tween.</p> <p>Visualization: Detect the antibody as instructed by the instructions provided with the visualization system.</p>		
IHC POSITIVE CONTROL:	Tonsil, breast carcinoma		
WESTERN BLOTTING:	Recommended starting protocol: Dilute the antibody 1:25. Incubate for 1 hour at room temperature. The dilution is an estimate; actual results may differ because of variability in methods and protocols. Optimal dilution and procedure should be determined by the end user.		
WESTERN BLOTTING POSITIVE CONTROL:	293T cell lysate		
CELLULAR LOCALIZATION:	Cytoplasm		

STORAGE & STABILITY

Store at 2-8°C. Do not freeze. The user must validate any other storage conditions. When properly stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.

There are no definitive signs to indicate instability of this product; therefore, positive and negative controls should be tested simultaneously with unknown specimens.

If unexpected results are observed which cannot be explained by variations in laboratory procedures and a problem with the reagent is suspected, contact Technical Support at spring.tech@ventana.roche.com.

**WARNINGS &
PRECAUTIONS:**

1. Avoid contact of reagents with eyes and mucous membranes. If reagents come into contact with sensitive areas, wash with copious amounts of water.
2. This product is harmful if swallowed.
3. Consult local or state authorities with regard to recommended method of disposal.
4. Avoid microbial contamination of reagents.