

## Product datasheet for **TA324053**

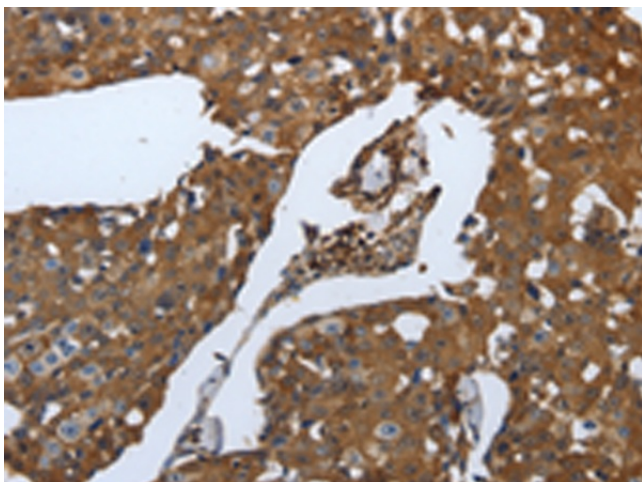
### SLC34A2 Rabbit Polyclonal Antibody

#### Product data:

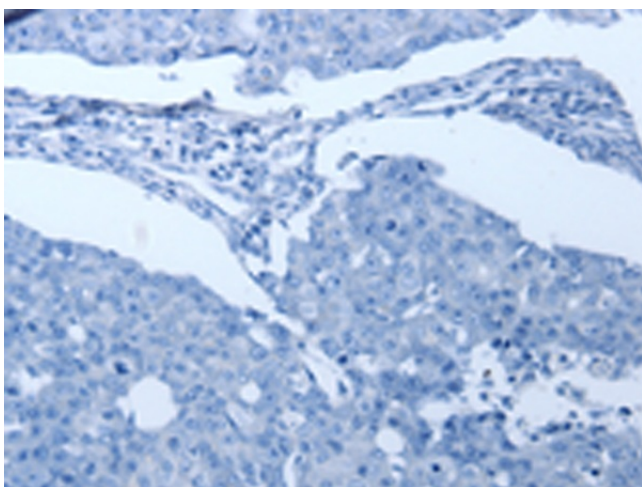
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 100-300 Positive control: Human breast cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 676-690 amino acids of Human solute carrier family 34 (sodium phosphate), member 2
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	solute carrier family 34 member 2
Database Link:	<a href="#">NP_006415</a> <a href="#">Entrez Gene 10568 Human</a> <a href="#">O95436</a>
Background:	The protein encoded by this gene is a pH-sensitive sodium-dependent phosphate transporter. Phosphate uptake is increased at lower pH. Defects in this gene are a cause of pulmonary alveolar microlithiasis. Three transcript variants encoding two different isoforms have been found for this gene.
Synonyms:	NAPI-3B; NAPI-IIB; NPTIIB
Protein Families:	Transmembrane



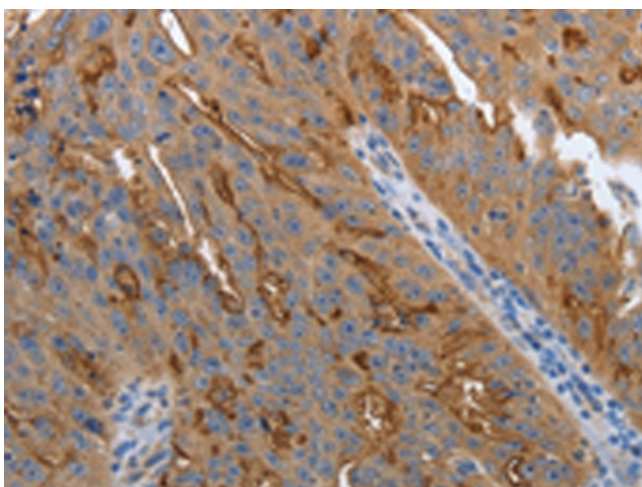
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**Product images:**

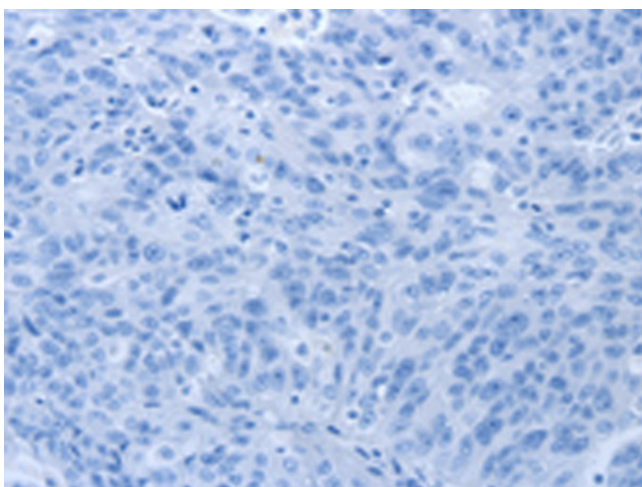
Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA324053 (SLC34A2 Antibody) at dilution 1/70 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA324053 (SLC34A2 Antibody) at dilution 1/70, treated with synthetic peptide. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA324053 (SLC34A2 Antibody) at dilution 1/70 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA324053 (SLC34A2 Antibody) at dilution 1/70, treated with synthetic peptide. (Original magnification: ×200)