

## Product datasheet for **TA386618**

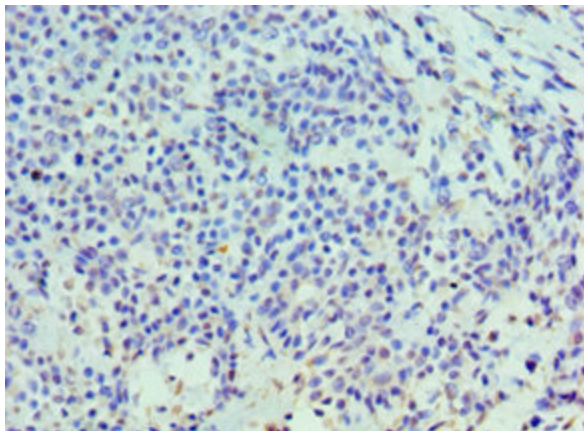
### **HYAL3 Rabbit Polyclonal Antibody**

#### **Product data:**

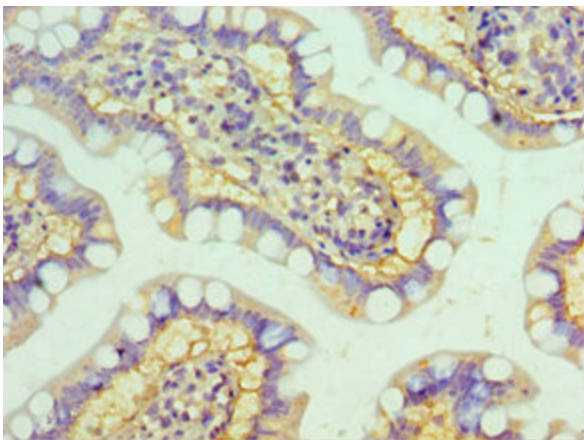
<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IHC, WB
<b>Recommended Dilution:</b>	Recommended dilution: WB:1:200-1:1000, IHC:1:20-1:200
<b>Reactivity:</b>	Mouse, Human
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Recombinant Human Hyaluronidase-3 protein (198-417AA)
<b>Formulation:</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Antigen Affinity Purified
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Stability:</b>	1 year from dispatch.
<b>Database Link:</b>	<a href="#">O43820</a>
<b>Background:</b>	<p>This gene encodes a member of the hyaluronidase family. Hyaluronidases are endoglycosidase enzymes that degrade hyaluronan, one of the major glycosaminoglycans of the extracellular matrix. The regulated turnover of hyaluronan plays a critical role in many biological processes including cell proliferation, migration and differentiation. The encoded protein may also play an important role in sperm function. This gene is one of several related genes in a region of chromosome 3p21.3 associated with tumor suppression, and the expression of specific transcript variants may be indicative of tumor status. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and some isoforms may lack hyaluronidase activity. This gene overlaps and is on the same strand as N-acetyltransferase 6 (GCN5-related), and some transcripts of each gene share a portion of the first exon.</p>



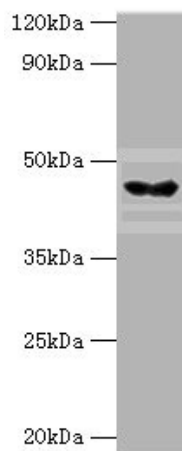
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**Product images:**

Immunohistochemistry of paraffin-embedded human breast cancer using TA386618 at dilution of 1:100



Immunohistochemistry of paraffin-embedded human small intestine tissue using TA386618 at dilution of 1:100



Western blot  
All lanes: HYAL3 antibody at 4 $\mu$ g/ml + Mouse liver tissue  
Secondary  
Goat polyclonal to rabbit IgG at 1/10000 dilution  
Predicted band size: 47, 44, 19, 16 kDa  
Observed band size: 47 kDa