

Datasheet for ABIN500895  
**anti-GPR124 antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	0.1 mg
Target:	GPR124
Binding Specificity:	C-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR124 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	TEM5 antibody was raised against a 15 amino acid peptide near the carboxy terminus of the human TEM5.
Isotype:	IgG
Specificity:	This antibody detects GPR124 / TEM5 at C-term.
Cross-Reactivity (Details):	Species reactivity (tested): Human, rat
Purification:	Peptide affinity chromatography

## Target Details

Target:	GPR124
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## Target Details

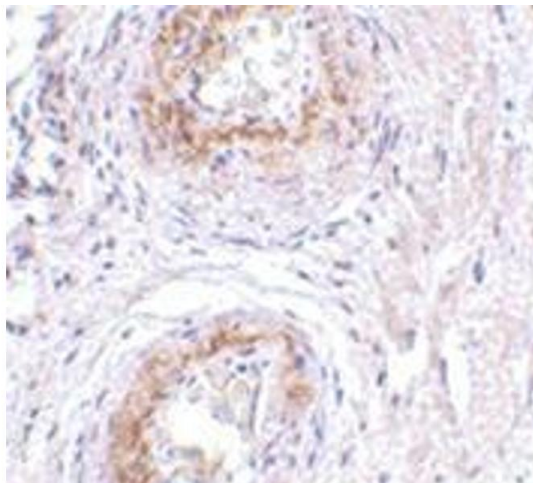
Alternative Name:	GPR124 / TEM5 ( <a href="#">GPR124 Products</a> )
Background:	<p>Tumor endothelial markers (TEMs) are significantly up-regulated during angiogenesis and neoangiogenesis that are crucial for the growth of solid tumors. TEMs localized on the cell surface and conserved across species are of particular interest for future development of anti-angiogenic therapies. These include TEMs such as TEM1, TEM5, TEM7 and TEM8. TEM5 is a member of the adhesion family of G protein coupled receptors and is localized on the surface of endothelial cells. TEM5 is a seven-pass transmembrane receptor, unlike TEM1, TEM7 and TEM8 which span the membrane once. TEM5 is abundantly expressed in tumor vessels, heart, placenta, ovary, small intestine, and colon. Proteolytically processed soluble TEM5 mediates endothelial cell survival during angiogenesis by linking integrin to glycosaminoglycans. Synonyms: G-protein coupled receptor 124, KIAA1531, Tumor endothelial marker 5</p>
Gene ID:	25960
UniProt:	<a href="#">Q96PE1</a>

## Application Details

Application Notes:	<p>ELISA. Western blot: 1 - 2 µg/mL. Immunohistochemistry on paraffin sections.</p> <p>Other applications not tested.</p> <p>Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Restrictions:	For Research Use only

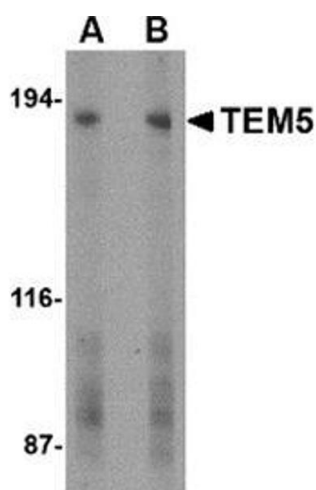
## Handling

Buffer:	PBS containing 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of TEM5 in human bladder tissue with this product at 5 µg/ml.



#### Western Blotting

**Image 2.** Western blot analysis of TEM5 in human bladder tissue lysate with this product at (A) 2 and (B) 4 µg/ml.