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Datasheet for ABIN6260260

## anti-SLC39A8 antibody (Internal Region)

### 2 Images

#### Overview

Quantity:	100 µL
Target:	SLC39A8
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC39A8 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

#### Product Details

Immunogen:	A synthesized peptide derived from human BIGM103, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	BIGM103 Antibody detects endogenous levels of total BIGM103.
Predicted Reactivity:	Pig,Horse,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

#### Target Details

Target:	SLC39A8
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## Target Details

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Alternative Name:	SLC39A8 ( <a href="#">SLC39A8 Products</a> )
Background:	Description: Acts as a manganese and zinc influx transporter (PubMed:12504855, PubMed:26637978). Plays a role in manganese reabsorption in the proximal tubule of the kidney and in manganese uptake into the brain (PubMed:26637978). Gene: SLC39A8
Molecular Weight:	50 kDa
Gene ID:	64116
UniProt:	<a href="#">Q9C0K1</a>

## Application Details

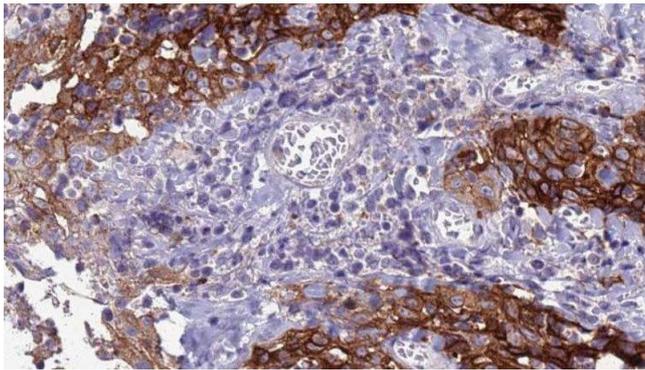
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Application Notes:	WB 1:1000-3000, IHC 1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

## Handling

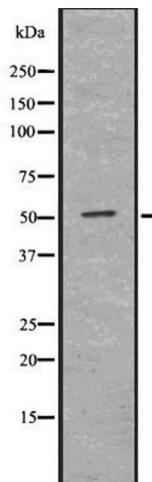
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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



### Immunohistochemistry

**Image 1.** ABIN6277924 at 1/100 staining Human Head and neck cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



### Western Blotting

**Image 2.** Western blot analysis of BIGM103 using LOVO whole lysates.