

## S43A3 Rabbit pAb

CatalogNo: YT8108

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- IHC, WB

#### MW

- 54kD (Calculated)

#### Isotype

- IgG

### Recommended Dilution Ratios

WB 1:500-2000

IHC 1:50-200

### Storage

#### Storage\*

-15°C to -25°C/1 year (Do not lower than -25°C)

#### Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

#### Clonality

Polyclonal

### Immunogen Information

#### Immunogen

Synthesized peptide derived from human C-terminal S43A3

#### Specificity

This antibody detects endogenous levels of S43A3 at Human, Mouse

### Target Information

#### Gene name

SLC43A3 PSEC0252

**Protein Name** Solute carrier family 43 member 3 (Protein FOAP-13)

Organism	Gene ID	UniProt ID
Human	<a href="#">29015;</a>	<a href="#">Q8NBI5;</a>
Mouse	<a href="#">58207;</a>	<a href="#">A2AVZ9;</a>

**Cellular Localization** Basolateral cell membrane ; Multi-pass membrane protein .

**Tissue specificity** Widely expressed with highest levels in the liver and lung, followed by the pancreas (PubMed:26455426). Highly expressed in macrophages (Ref.1).

**Function** Sodium-independent purine-selective nucleobase transporter which mediates the equilibrative transport of extracellular purine nucleobases such as adenine, guanine and hypoxanthine . May regulate fatty acid (FA) transport in adipocytes, acting as a positive regulator of FA efflux and as a negative regulator of FA uptake (By similarity). ; [Isoform 1]: Sodium-independent purine-selective nucleobase transporter which mediates the equilibrative transport of extracellular purine nucleobase adenine . Mediates the influx and efflux of the purine nucleobase analog drug 6-mercaptopurine across the membrane . ; [Isoform 2]: Sodium-independent purine-selective nucleobase transporter which mediates the equilibrative transport of extracellular purine nucleobase adenine . Mediates the influx and efflux of the purine nucleobase analog drug 6-mercaptopurine across the membrane .

## Validation Data

## Contact information

Orders: order.cn@immunoway.com  
Support: support.cn@immunoway.com  
Telephone: 400-8787-807(China)  
Website: <http://www.immunoway.com.cn>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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**S43A3 Rabbit pAb**

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