

## 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

<b>Protein Name</b>	Solute carrier family 43 member 3 (Protein FOAP-13)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	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@immunoway.com  
 Support:         tech@immunoway.com  
 Telephone:      877-594-3616 (Toll Free), 408-747-0185  
 Website:        http://www.immunoway.com  
 Address:         2200 Ringwood Ave San Jose, CA 95131 USA



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