

OAS2 Rabbit pAb

CatalogNo: YT5536

| Key Features

Host Species

- Rabbit

Reactivity

- Human,Rat,Mouse,

Applications

- WB,IHC,IF,ELISA

MW

- 82kD (Observed)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-1:2000

IHC: 1:100-1:300

ELISA 1:20000

IF 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

The antiserum was produced against synthesized peptide derived from the N-terminal region of human OAS2. AA range:61-110

Specificity

OAS2 Polyclonal Antibody detects endogenous levels of OAS2 protein.

| Target Information

Gene name OAS2

Protein Name 2'-5'-oligoadenylate synthase 2

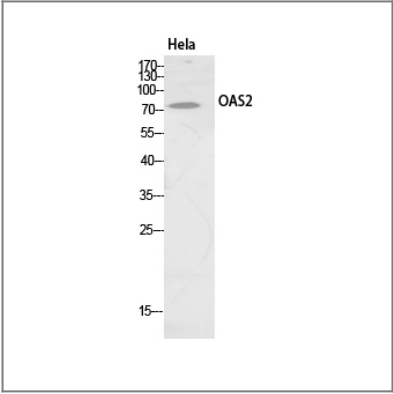
Organism	Gene ID	UniProt ID
Human	4939;	P29728;
Mouse	246728;	E9Q9A9;
Rat	363938;	Q5MYU0;

Cellular Localization Cytoplasm . Cytoplasm, perinuclear region .

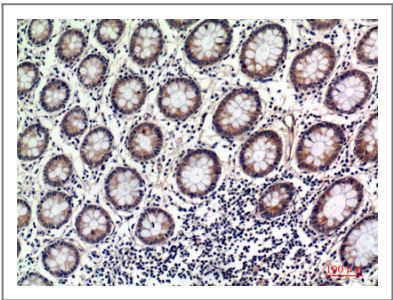
Tissue specificity Blood,Colon,Testis,Uterus,

Function Catalytic activity: Binds double-stranded RNA and polymerizes ATP into PPP(A2'P5'A)N oligomers, which activate the latent RNase L that, when activated, cleaves single-stranded RNAs.,Function: May play a role in mediating resistance to virus infection, control of cell growth, differentiation, and apoptosis.,induction: By interferons.,similarity: Belongs to the 2-5A synthetase family.,subcellular location: Associated with different subcellular fractions such as mitochondrial, nuclear, and rough/smooth microsomal fractions.,subunit: Homodimer.,

Validation Data



Western Blot analysis of HeLa cells using OAS2 Polyclonal Antibody. Secondary antibody(catalog#:R50002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-uterus, antibody was diluted at 1:100

Contact information

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OAS2 Rabbit pAb

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